ADMINISTRATION REPORT OF CIVIL WORKS

OF THE

PUBLIC WORKS DEPARTMENT

(GENERAL BRANCH),

BOMBAY PRESIDENCY,

FOR THE YEAR

1899-1900.

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PUBLIC WORKS DEPARTMENT

FOR THE YEAR 1899-1900.

GENERAL REMARKS.

1. The total expenditure of the year on Civil Works was Rs. 39,83,203 as below :—

		Rs.	Rs.
Outlay in India.			
Imperial		2,00,036	
Suspense		...	
			2,00,036
Provincial		26,34,847	
Suspense		3,494	
			26,38,341
Contributions.	Provincial, inclusive of Suspense...	68,848	
	Excluded Local Funds do. ...	73,759	
			1,42,607
Incorporated Local Funds		9,96,473	
Suspense		5,746	
			10,02,219
	Grand Total ... Rs.		39,83,203

2. In round figures the expenditure on New Works was 11¾ lákhs ; on Repairs about 17½ lákhs ; on Establishment 10 lákhs; and on Tools and Plant ½ a lákh.

3. Under Imperial Services, *Salt*, water was laid on to the Salt Works at Mátunga, to the Rest-house of the Collector at Rawli, to the new Sir Kárkún's Office and Lines, and to the Lines for Inspector's Kárkúns, Mátunga. The quarters for the Preventive Officer at Trombay were completed. Stone pavement was provided to the Salt-shed at Bhynder. The work of constructing Sir Kárkún's Office and Lines for his Kárkúns, the conversion of his office into quarters for the Inspector, at Mátunga, and a causeway across Khárághoda Tank, were in progress. Quarters for the Preventive Officers at Karanja and Mora were completed, but the Customs Chauki at Nágothna remained incomplete.

4. Under the head *Post Offices*, the combined Post and Telegraph Office at Kiamari (Karáchi), alluded to last year, was completed.

5. Under *Telegraphs*, the out-buildings in the compound of the Telegraph Signallers' quarters on the Esplanade, Bombay, was nearly completed, and quarters for two linemen at Kalyán were completed.

6. Under *Mint*, the reconstruction of the portico of Her Majesty's Mint at Bombay was finally completed.

7. Under *Administration*, the work of providing fire-fittings to the Currency Buildings on the Esplanade, Bombay, was nearly completed.

8. Under *Provincial Services*, the progress was as follows.

9. Under *Forests*, the Divisional Forest Office at Sholápur was completed.

10. Under *Excise*, a new distillery at Chota-Udepur was completed, except roofing; and certain works in connection with the distillery at Kotri were in progress.

11. Under *Residences for Local Government*, the Lines for His Excellency the Governor's Body Guard at Chowpáti (Bombay), quarters for single Bandsmen, Band Master and the Assistant Surgeon, bungalow for Native Aides-de-Camp, and certain additions and alterations to the Secretariat Buildings were completed. The married Bandsmen's quarters were in progress. Certain improvements to the kitchens and the boiler arrangements at Government House, Ganesh Khind, were completed. The re-roofing of the terrace over the corridor round the residence at Government House, Ganesh Khind, and renewal of ceilings were in progress. The work of providing a supplementary water-supply to Government House at Mahábleshwar was in progress.

12. Under *Land Revenue Buildings*, the Mámlatdárs' Kacheris at Nandurbár, Chiplun, and Medha were completed, the one at Karád is nearly completed, and that at Sirsi was suspended during the year. Certain additions and alterations to the Kardarate at Mirpur Mathelo were completed and the Mámlatdár's Kacheri at Wáda was commenced.

13. Under the head *Educational*, the work of improving fire-fittings of the Elphinstone College and General Record Room at Bombay was completed, and the work of additions and alterations to the Maháluxmi Female Training College at Ahmedabad was commenced. The work of additions and alterations to the Training College at Dhárwár, commenced last year, was in progress. The enlargement of the tank attached to the College, with a flight of steps to it, was taken up during the year, but the construction of the puddle wall had to be postponed, no puddle being available. The new High School at Bijápur was in progress during the year.

14. Under *Private Buildings, assisted by Government grant-in-aid*, the Principal's quarters and out-houses of the Gujarát College at Ahmedabad were completed. The construction of the Sir Dinshaw Manekji Petit School of the Camp Education Society, Poona, was in progress, and that of the Sholápur High School was stopped.

15. *Of private buildings undertaken wholly from contributions*, additional quarters for thirty students in the Gujarát College, Ahmedabad, and the Cathedral High School for Girls on the Esplanade, Bombay, were commenced.

16. Under *Local Fund and Municipal Schools*, the work of the School-house at Málsiras, Sholápur District, was suspended, and that of Wari, Táluka Kopargaon, Ahmednagar District, was completed. The School-house at Thangaon, Táluka Sinnar, Násik District, was in progress, and that at Virdel in the Khándesh District was completed. School-houses at Mhaswa, Nardhona and Atraval in the Khándesh District, were in progress. The Local Fund School-house at Tilwalli in the Dhárwár District was completed during the year. The construction of the Students' quarters, attached to the Technical School at Kandiaro, was in hand during the year, as also of the additional quarters for 50 students at the Agricultural School, Hyderabad.

17. Under *Law and Justice*, record-racks for the office of the Prothonotary and Registrar in the High Court, Bombay, shutters to the Police Court on the Esplanade, Bombay, restoration of the bastion behind the Assistant Judge's Court at Broach, and adaptation of the old Jail buildings for District and Joint Judges' Courts at Ahmedabad, were completed. Materials for constructing record-stands and the Názir's godown and witness shed, were collected at Ahmedabad. The Subordinate Judges' Courts at Yeola, Kárwár and Dápoli were completed, as also the chamber for the District Judge in the Court-house at Belgaum. The conversion of Barrack No. 40 into Judges' quarters and Judicial and Revenue Courts at Sukkur was suspended.

18. Under *Jails*, the contagious diseases wards in the Criminal Jail at Thána, and quarters for artizans, &c., at the Juvenile Reformatory at Yerrowda, Poona District, were completed. Quarters and latrines for clerks and 8 warders of the Prison at Bijápur were in progress.

19. Under *Police*, two blocks of Police Lines at Surat and the Police Lines at Kankashia in the Panch Mahâls, and Wadia in the Rewa Kántha Agency, were completed. Additions and alterations to the official residence of the District Police Superintendent of Poona and his office, the additional Police Lines at Sirur, the Police Lines at Sholápur, a store-room for the Head-quarter Police Lines at Sholápur, the Police Lines at Peint in the Násik District, and those at Yával in the Khándesh District, were completed. The Police Lines at Kopargaon and Bhingár in the Nagar District, those at Medha, Pátan, and Wái in the Sátára District for additional men, and those at Karád in the same district for 10 armed men for Treasury Guard for the Mámlatdár's Kacheri, were in progress. The new Police Lines in the Sadar Bazár at Karáchi were commenced towards the close of the year, and those at Gidu Bandar and Tando Jam were constructed.

20. Under *Medical*, additions and alterations to certain portion of Government House at Parel in connection with the Plague Research Laboratory, and the Dispensary at Andheri were completed. The disinfecting shed at the Prince's Dock, Bombay, and the Dispensary at Ránpur, Ahmedabad District, were in progress. The Nowroji Pestonji Vakil Ophthalmic Hospital and Out-door Dispensary at Ahmedabad were commenced. The new quarters for the Resident Medical Staff of the Jamsetji Jijibhoy Hospital, though commenced, were soon stopped Work on the Narotumdás Madhawdás Lunatic Asylum at Nowapáda, near Thána, was in progress. Rooms for violent and insane European patients were completed, and the Maternity Hospital was in progress, for the Sassoon Hospital, Poona. The substitution of Mangalore tile roofs for thatched ones over the Civil Hospital at Sholápur was stopped. The Plague Hospital at Násik was in progress, and the Detention Camp at Kiamari, Karáchi, was completed.

21. Under *Miscellaneous*, improvements to the latrines attached to the Sir Jamsedji Jijibhai Dharamsála, fire-fittings to the Government Central Press, Bombay, and the Superintendent's bungalow at Mátherán, were completed. The work of making improvements to, and provision of fire-fittings in, the Town Hall, Bombay, were in progress.

22. Under *Miscellaneous Public Improvements*, improvements to the water-supply at Mátherán were finished. The earthen bund round the village of Bidaj in the Kaira District and the retaining wall round the tank at Phedra in the Ahmedabad District were completed. Work on the Murbád water-supply progressed satisfactorily, and water was given to the town on 31st March 1900. Improvements to the Tank at Wada were commenced as a relief work. The works of Surat and Ránder water-supply, and improvements to the water-supply at Dholera were in progress.

23. Of *Miscellaneous Works*, the roads and drains on the Esplanade near the Masonic Hall, Bombay, and the improvements to the Oval, were in progress.

24. The actual cost of *Establishments* of all classes in 1899-1900 was Rs. 19,84,223 as compared with—

Rs. 19,55,489 in 1898-99,
and
Rs. 19,29,833 in 1897-98.

25. The following table shows the distribution of the charges in each year from 1896-97 :—

Head of Service.	1896-97.	1897-98.	1898-99.	1899-1900.
Imperial.	Rs.	Rs.	Rs.	Rs.
Military	30,534	29,684	32,268	24,713
Barrack Department	7,163	6,964	6,758	7,224
Civil Works	36,119	21,552	35,709	28,932
Irrigation	8,91,030	9,10,678	8,96,856	9,53,519
Total, Imperial ...	9,64,846	9,68,878	9,71,591	10,14,388

Head of Service.	1896-97.	1897-98.	1898-99.	1899-1900.
Provincial.	Rs.	Rs.	Rs.	Rs.
Civil Works	8,42,422	8,38,527	8,48,408	8,41,360
Irrigation...	3,711	3,224	2,738	4,112
Total, Provincial ...	8,46,133	8,41,751	8,51,146	8,45,472
Local Funds.				
Incorporated	1,47,415	96,892	1,10,237	1,01,974
Excluded	33,258	22,312	22,515	22,389
Total, Local Funds ...	1,80,673	1,19,204	1,32,752	1,24,363
Grand Total ...	19,91,652	19,29,833	19,55,489	19,84,223

26. The total outlay, including suspense heads, under all heads, including Irrigation, was as follows :—

		Rs.	Rs.
Military	Works and Repairs ...	1,32,967	1,66,482
	Establishment	31,937	
	Tools and Plant ...	1,578	
Imperial, Provincial and Local Civil Works.	Works and Repairs ...	29,33,307	39,83,203
	Establishment	9,84,040	
	Tools and Plant ...	56,640	
	Suspense	9,216	
Irrigation	Works and Repairs ...	37,48,776	47,69,633
	Establishment	9,68,246	
	Tools and Plant ...	48,398	
	Suspense	4,213	
Deduct—Expenditure on stores received from England. ...			—53,626
			88,65,692

Of this amount, Rs. 68,15,050, excluding suspense heads, were expended on works and repairs, distributed as under :—

	Rs.
Military Works	1,32,967
Civil „	29,33,307
Irrigation „	37,48,776
Total ...	68,15,050

The total charge for Establishment being Rs. 19,84,223, as detailed in paragraph 25, gives a percentage of 29·12 on the actual outlay of Rs. 68,15,050 as compared with 29·16 per cent. in 1898-99.

Omitting Irrigation Establishment and outlay (which must be disregarded unless the revenue is also taken into account), and Barrack Department outlay, the comparison stands thus :—

	Rs.
Outlay on Works and Repairs ...	30,48,390
Cost of Establishment	10,08,753
Percentage	33·09

The percentage in 1898-99 was 29·16 and in 1897-98, was 26·62.

For facility of comparison the following statement is given, showing the outlay on Works and Repairs by Executive Divisions during the year :—

Divisions.	Executive Charges.	Area in Square Miles.	Outlay on Works and Repairs, 1899-1900.						
			Provincial.		Local.	Imperial.			Total.
			Civil Works, including Contributions.	Irrigation.		Military, including Contributions.	Civil Works, including Contributions.	Irrigation, including Contributions.	
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Superintending Engineer, Northern Division.	Executive Engineer, Presidency	...	2,71,507	...	...	...	59,541	..	3,31,048
	Do. Ahmedabad (including Bhúj)	...	68,001	...	44,461	27,396	43,135	1,03,380	2,86,373
	Do. Surat and Broach ...	...	94,503	...	39,342	...	2,549	16,326	1,52,720
	Do. Kaira and Panch Mahals.	...	24,572	...	89,180	5,591	3,041	1,043	1,23,427
	Do. Thána	...	1,57,973	...	1,03,932	626	15,493	...	2,78,024
	Total ...	...	6,16,556	...	2,76,915	33,613	1,23,759	1,20,749	11,71,592
Superintending Engineer, Central Division.	Executive Engineer, Poona District	...	1,90,878	..	41,948	24,597	2,014	...	2,59,437
	Do. Poona Irrigation	...	6,934	..	1,464	4,551	...	1,36,153	1,49,102
	Do. Násik	...	83,960	...	87,664	2,199	865	71,225	2,45,913
	Do. Ahmednagar	...	35,921	...	52,591	55,700	66	7,432	1,51,710
	Do. Khándesh	...	64,718	..	79,062	334	730	...	1,44,844
	Do. Khándesh Irrigation ...	...	...	..	1,842	...	...	47,316	49,158
	Do. Sholápur	...	27,041	...	18,695	142	831	14,337	61,046
	Total ...	...	4,09,452	...	2,83,266	87,523	4,506	2,76,463	10,61,210
Superintending Engineer, Southern Division.	Executive Engineer, Sátára	...	1,39,531	...	1,02,851	11,598	864	31,687	2,86,531
	Do. Bijápur	...	48,141	...	50,422	...	224	6,441	1,05,228
	Do. Belgaum	...	97,892	10,952	52,716	88	1,350	11,108	1,74,106
	Do. Dhárwár	...	93,738	...	68,611	30	4,994	...	1,62,373
	Do. Dhárwár Irrigation ...	...	...	...	663	...	...	4,7058	47,721
	Do. Kánara	...	1,07,219	...	24,439	...	1,411	633	1,33,702
	Do. Ratnágiri and Kolába ...	...	1,38,312	...	17,898	115	13,716	20,71	1,72,112
	Total ...	...	6,24,833	10,952	3,12,600	11,831	22,559	98,998	10,81,773
Superintending Engineer, Indus Left Bank Division.	Executive Engineer, Eastern Nára	...	1,412	...	8,404	...	69	76,367	86,252
	Do. Fuleli Canals	...	1,634	...	14,308	...	103	24,60,26	2,62,071
	Do. Hyderabad Canals, N. D.	...	3,390	...	4,047	...	...	4,46,876	4,54,313
	Do. Hyderabad Canals, C. D.	...	18,526	...	16,546	...	1,955	1,19,868	1,56,894
	Do. Jamrao Canals, N. D.	...	...	...	...	...	...	5,24,619	5,24,619
	Do. do. do. S. D.	...	76	...	...	...	...	5,62,119	5,62,195
	Total ...	...	25,037	...	43,305	...	2,127	19,75,875	20,46,344
Chief Engineer, Indus Right Bank Division.	Executive Engineer, Karáchi Canals	...	70,855		17,118	...	10,169	2,36,123	3,34,265
	Do. Ghár Canals	...	6,811	...	926	...	67	1,58,874	1,66,478
	Do. Western Nára	...	6,011	...	858	...	130	1,60,456	1,67,455
	Do. Begari Canals	...	7,719	...	1,334	...	788	4,13,299	4,23,140
	Do. Shikárpur Canals... ...	...	29,829	...	6,908	...	787	2,83,711	3,21,135
	Do. Indus River	...	...	...	5,176	...	...	5,278	10,454
	Total ...	...	1,21,025	...	32,220	...	11,941	12,57,741	14,22,927
Chief Engineer, Bombay Command, Military Works Department.	Executive Engineer, Aden...	...	18,967	...	...	...	907	...	19,874
	Add—Outlay by Civil Officers	...	5,090	...	...	...	3,418	2,822	11,330
	Grand Total ...	...	18,20,960	10,952	9,48,306	1,32,967	1,69,217	37,32,648	68,15,050

27. The cost of Works Establishments by Districts is shown in Appendix C. The reason why the percentages are lower in some Districts than in others is that when works are executed by contract, the expenditure on establishment is lower, and that whereas it is practicable in certain Sub-divisions to divide the expenditure proportionally to works in a concentrated area, it is not practicable to do so when establishment is entertained for general duties over a larger area.

28. The *revenue* realised in the Public Works Department, as compared with the previous two years, was as follows :—

	1897-98.	1898-99.	1899-1900.
Imperial.	Rs.	Rs.	Rs.
XXXI.—Military Works	8,714	8,935	10,270
XXIX.—Irrigation Major Works	5,92,265	6,60,450	7,20,962
XXX.—Irrigation Minor Works and Navigation ...	2,16,350	2,52,253	2,08,202
Provincial.			
XXXII—Civil Works	6,21,837	7,22,534	6,23,807
XXX.—Irrigation Minor Works and Navigation ..	31,837	31,197	35,363
Grand Total ...	14,71,003	16,75,369	15,98,604

29. The *toll* revenues, including receipts under the Highway Act, in the three years were—

	Rs.
1897-98	4,56,138
1898-99	5,64,475
1899-1900	4,99,244

30. Details of the principal works in progress or completed during the year will be found under the several heads and sub-heads.

I.—CIVIL BUILDINGS.

1.—Imperial Services.

31. The expenditure under this head was Rs. 2,00,036 sub-divided as follows :—

	Rs.
Original Works	90,707
Repairs	78,510
Establishment	28,932
Tools and Plant	1,887
Suspense	
	2,00,036

And the works carried out were as follows :—

3.—Salt.

32. **Presidency District.**—As it was found necessary by the Salt Department to construct new Sir-Kárkún's Office and Lines for the establishment, it was proposed to convert the present office into quarters for the Preventive Inspector by adding an upper storey to it, and to construct the Sir-Kárkún's Kacheri on a site near the Antop Hill, Mátunga. The project contains the following buildings :—

(1) Inspector's Bungalow.
(2) Lines for Inspector's Kárkúns.
(3) Sir-Kárkún's Office.
(4) Lines for the Kárkúns of the Sir-Kárkún.

The Inspector's Bungalow is an upper storeyed one and consists of a living room 24′ × 16′, store-room 16′-6″ × 7′, spare room 16′-6″ × 7′, bath-room 8′ × 9′ with front and rear verandahs 7′ and 9′ wide respectively. The work is in progress; the expenditure during the year being Rs. 3,656 against the sanctioned estimate of Rs. 7,030.

33. Lines for Inspector's Kárkúns were provided by purchasing a chawl situated at Wadála Road, 60′ long and 37′ wide and 7′ to 8′ in height. It contains accommodation for 6 Kárkúns, each having two rooms 10′ × 9′, one cook-room and a verandah 6′ wide in the front. The chawl and the land on which it stands were acquired at a cost of Rs. 3,564, which was the amount of the sanctioned estimate.

34. *Sir-Kárkun's Office.*—The building is 58′-8″ × 37′-6″ × 15′ to the spring of the tie beam. It contains one office room 30′ × 20′, record room 24′ × 12′, Sir-Kárkún's room 20′ × 20′, spare room 24′ × 12′, Treasury room 7′-6″ × 10′ and one confiscated articles room 9′-7½″ × 10′ with a central verandah 14′ × 11′-6″ in front. The work is in progress; the expenditure during the year being Rs. 5,012 against the sanctioned estimate of Rs. 8,615.

35. *Lines for the Kárkuns of the Sir-Kárkun.*—Three blocks were designed to accommodate 20 Kárkúns, *viz.*, one for 6 Kárkúns and the other two for 7 Kárkúns each. The Sir-Kárkún not having been at present provided with quarters, it was proposed to allot two rooms in the block for six Kárkúns, for his use. The accommodation consists of one room 12′ × 10′, one cook-room 10′-5″ × 8′-3″ and a verandah in the front, 8′ wide, with a dwarf wall 3′-6″ high. These blocks will be provided with two seats of latrines of angle iron post plates, with the

doors, roofs and walls of corrugated iron sheets. The work is in progress; the expenditure during the year amounted to Rs. 7,626 against the sanctioned estimate of Rs. 15,206.

36. *Laying on water to the Salt-works at Mátunga.*—Want of water having been severely felt for some years past by the employés of the Salt Department and salt manufacturers in the Mátunga Táluka, a project for laying down water pipes was sanctioned. The supply of water is drawn from three places, *viz.*:—(1) from the 24″ main on the Sion road near Gowari village, supplying water to the new Sir-Kárkún's Office and Lines, and the Rowli and Salamati salt-pans, the piping being 1½″ at main connection and 1″ at the end; (2) from the 48″ Tánsa main near Sluice No. 605 supplying water to the Rest-house of the Collector of Salt Revenue on the Rowli Hill, the piping being 1″; and (3) from the 4″ main on the Sewri road supplying water to the salt-pans at Wadála, the piping being 1″. The work was completed during the year at a total cost of Rs. 8,305 against the sanctioned estimate of Rs. 8,075.

37. **Tha'na District.**—The quarters for the Preventive Officer at Trombay, described last year, were completed at a total cost of Rs. 7,348 against the sanctioned estimate of Rs. 7,416, the expenditure during the year being Rs. 4,487.

38. The quarters for the Preventive Officer at Thána, described last year, were completed at a total cost of Rs. 11,886 against the sanctioned estimate of Rs. 12,391, the expenditure during the year being Rs. 4,485.

39. **Ahmedabad District.**—*Building a causeway across the Khárághoda Tank.*—As the old country road from Sávda to Patri gets submerged under the water of the tank and is rendered impassable for six months, a metalled causeway was sanctioned and an allotment of Rs. 3,000 granted in the year; but owing to famine only a sum of Rs. 1,075 was spent in collecting materials.

40. **Kola'ba District.**—The quarters for the Preventive Officer at Karanja, commenced in 1898-1899, were completed during the year under report; the total outlay was Rs. 6,680 against the estimate of Rs. 6,745, the expenditure during the year being Rs. 3,884.

41. The quarters for the Preventive Officer at Mora, commenced in 1898-1899, were also completed during the year under report; the total outlay was Rs. 6,804 against the estimate of Rs. 6,745, the expenditure during the year being Rs. 4,005.

42. The work of Customs Chauki at Nágothna was commenced during the year, but nothing was done beyond the collection of materials of the value of Rs. 2,040 against the estimate of Rs. 3,421.

5.—MINT.

43. **Presidency District.**—The reconstruction of the portico of Her Majesty's Mint at Bombay, described in last year's report, was completed at a total cost of Rs. 11,407 against the sanctioned estimate of Rs. 11,893, the expenditure during the year being Rs. 2,355.

6.—POST OFFICES.

44. **Kara'chi Canals District.**—The combined Post and Telegraph Office at Kiamari, mentioned in last year's report, was completed at a total cost of Rs. 9,056 against the estimate of Rs. 8,745, the expenditure during the year being Rs. 5,840.

7.—TELEGRAPHS.

45. **Presidency District.**—The construction of a detached out-building in the compound of the telegraph signallers' quarters was commenced and completed during the year, with the exception of arrangements for lighting. The building is an upper storeyed one, measuring 66′-6″×16′-6″, with a 5 feet verandah in front. The roof is of teakwood rafters, covered with Mangalore tiles. The building is provided with W. C. on water-carriage system, with necessary drainage, &c., complete. The total expenditure during the year amounted to Rs. 9,969 against the sanctioned estimate of Rs. 11,922.

II.—PROVINCIAL SERVICES.

CIVIL BUILDINGS.

46. The expenditure from Provincial, Local Funds and Contributions, including outlay on Forest and Customs Buildings, was Rs. 14,62,617, subdivided as under:—

	Rs.
Original Works	6,47,445
Repairs	3,60,014
Establishment	4,33,128
Tools and Plant	22,030
	14,62,617

And the works carried out were as follows:—

FORESTS.

47. **Shola'pur District.**—The Divisional Forest Office at Sholápur, described in the last year's report, was completed. The expenditure during the year was Rs. 1,113 against the allotment of Rs. 1,247, and the total expenditure on the work was Rs. 2,736 against the estimate of Rs. 2,870.

8.—ADMINISTRATION.

48. **Presidency District.**—With a view to effective protection against fire it was considered necessary to provide the Currency buildings with fire fittings. They consist of laying a 3″ connection from the Municipal main and providing 4 wrought-iron tanks, each 5′-6″ × 3′-6″ × 4′ on the top of the second floor. These are connected with each other by means of 3″ cast-iron pipes and to the 4″ down-take pipe which is fixed to supply water to the wall hydrants, three in number, one on each floor. A stand-pipe and lift and force-pump are also provided. The work is in progress, the expenditure during the year being Rs. 2,632 against the sanctioned estimate of Rs. 3,045.

4.—LAND REVENUE BUILDINGS.

49. **Tha'na District.**—The Mámlatdár's Kacheri at Váda is to be on standard plan and is to be a defensive one. The following slight modifications were made in the standard plan for the convenience of the officials and the public:—

(1) the Chief Constable's room is placed next to the treasury room;

(2) the Kulkarni's shed is located near the record-room;

(3) the Ryots' shed is placed within the compound wall.

For the kacheri proper, clerestory windows (3′ × 2′) protected by wire netting and weather-frames are to be provided for proper ventilation. The kacheri is made to face the north, and is located on the highest spot available. The foundations of the treasury wing and the main kacheri were laid during the year, and materials for superstructure and roofing brought on the site of the work. The work is in progress. An expenditure of Rs. 9,225 was incurred during the year against an allotment of Rs. 10,000, the sanctioned estimate amounting to Rs. 26,952.

50. **Kha'ndesh District.**—The Mámlatdár's Kacheri at Nandurbár in the Khándesh District, described in last year's report, was practically completed except fixtures and fastenings to the treasury-room and to the prisoners' cells. The model latrines are to be fixed in position, for which material is ready. The expenditure during the year was Rs. 19,805 against the estimate of Rs. 32,471, the total outlay being Rs. 27,519.

51. **Ka'nara District.**—The Sirsi Kacheri work, which was resumed by the original contractor, was again suspended owing to an outbreak of plague in Sirsi and the surrounding villages. The total outlay was Rs. 14,813 against the estimate of Rs. 34,620, the expenditure during the year being Rs. 986.

52. **Ratna'giri and Sa'ta'ra Districts.**—The Mámlatdárs' Kacheris at Chiplun and Medha (with the exception of latrines) were completed during the year under

report, the total outlay on these being respectively Rs. 34,612 and 33,833 against the estimates of Rs. 35,670 and 33,501; also the Mámlátdár's Kacheri at Karád was nearly completed at a total cost of Rs. 34,784 against the estimate of Rs. 33,184, the outlay during the year being Rs. 5,903.

53. **Shika'rpur Canals District.**—The additions and alterations to the Kardarate at Mirpur Mathelo, commenced last year, were completed at a total cost of Rs. 4,338 against the estimate of Rs. 4,327, the expenditure during the year being only Rs. 338.

5.—EXCISE BUILDINGS.

54. **Kaira District.**—A distillery at Chhota-Udepur, similar to that at Godhra but on a smaller scale, was commenced and, with the exception of roofing, completed; the expenditure during the year amounted to Rs. 20,031 against the sanctioned estimate of Rs. 30,744.

55. **Kara'chi Canals District.**—The following works forming part of the project for the distillery at Kotri were in progress during the year:—

The two ingredient sheds and additional out-houses for the Distillery Inspector's quarters, the outlay during the year being Rs. 10,999; the total expenditure on the project to end of 1899-1900 was Rs. 46,734 against the estimate of Rs. 72,234.

6.—RESIDENCES FOR LOCAL GOVERNMENTS AND SECRETARIAT OFFICES.

56. **Presidency District.**—The work of additions and alterations to certain rooms on the ground and first floors of the south wing of the Secretariat building on the Esplanade, made over to the Superintendent of the Government Central Press in connection with the extension of the Secretariat Press, was commenced and completed during the year at a total cost of Rs. 4,387 against the sanctioned estimate of Rs. 4,443.

57. Quarters for School Master and Hospital Assistants, and the bathing platform in connection with the lines for His Excellency the Governor's Body Guard, mentioned last year, were completed at a total cost of Rs. 75,864 against the sanctioned estimate of Rs. 74,882, the outlay during the year being Rs. 5,906.

58. The single bandsmen's quarters at Wálkeshwar in connection with Government House, Malabár Point, consisting of a block for 15 single men and 4 Sergeants, commenced last year, were completed at a total cost of Rs. 41,050 against the sanctioned estimate of Rs. 47,119, the outlay during the year being Rs. 20,682.

59. The Band Master's and Assistant Surgeon's quarters, with cook-room and servants' quarters, were commenced and completed during the year at a total cost of Rs. 23,914 against the sanctioned estimate of Rs. 25,784.

60. The Native Aide-de-Camp's bungalow, consisting of 2 bed-rooms, a drawing-room, a visiting-room and a cook-room with servants' quarters, was commenced and completed during the year at a total cost of Rs. 7,669 against the sanctioned estimate of Rs. 8,792.

61. Married men's quarters were commenced in December 1899; foundations and superstructure were completed, the walls being supported on cut-stone pillars and Coorla arches. The doors and windows were made of teakwood frames with glazed fan-lights. The work is in progress. Rs. 21,572 were expended during the year against the sanctioned estimate of Rs. 52,575.

62. **Poona District.**—The improvements to kitchens and boiler arrangements at Government House, Ganesh Khind, described in the last year's report, were completed at a total expenditure of Rs. 2,840 against the estimate of Rs. 2,970, the expenditure during the year being Rs. 1,700.

63. Re-roofing the terrace over the corridor round the residence at Government House, Ganesh Khind, was in progress. New terraced roofing of brick jack arches, supported on rolled iron beams and covered with a layer of asphalt, has been substituted for the old roofing, which had become dangerous through decay of the teak joists. The expenditure during the year was Rs. 3,868 against the estimate of Rs. 4,012.

64. The old plaster ceilings in Government House, Ganesh Khind, gave much trouble through the plaster dropping. Some of the worst ceilings have this year been taken in hand, and teak boards $\frac{3}{4}$" thick, tongued and grooved, have been substituted for the plaster. The original mouldings are being reproduced in teak. The work was in progress, the expenditure being Rs. 1,701 against the estimate of Rs. 3,769.

65. **Sa'ta'ra District.**—The work of providing a supplementary water-supply to Government House at Mahábleshvar was in progress during the year, the expenditure being Rs. 10,428 against the estimate of Rs. 15,824.

9.—MINOR DEPARTMENTS.

3.—Monuments and Antiquities.

66. A statement is appended showing the actual expenditure on the preservation of buildings of historical and archæological interest for the past five years from 1895-96 to 1899-1900.

Appendix A.

67. **Ahmedabad District.**—The Archæological buildings and remains at Ahmedabad were repaired during the year at a total cost of Rs. 2,854.

68. **Bija'pur and Dha'rwa'r Districts.**—Repairs to the Ibrahim Roza and the old Mahomedan buildings at Bijápur and those to the Nagareshwar temple at Bankápur and the Siddeshwar temple at Haveri in the Dhárwár District, were carried out during the year.

10.—EDUCATIONAL.

1.—Government Colleges.

69. **Presidency District.**—The improvements of the fire-fittings of the new Elphinstone College and General Record-rooms on the Esplanade, described last year, were completed at a total cost of Rs. 8,709 against the sanctioned estimate of Rs. 8,825, the outlay during the year being Rs. 1,712.

70. **Dha'rwa'r District.**—At Dhárwár, additions and alterations to the Training College were continued during the year. The work of enlarging the tank and providing a flight of steps, which could not be proceeded with last year, was taken up during the year under report. The rock excavation, described as "soft" in the sanctioned estimate, was actually found to be hard in carrying out the work; owing to the scanty rainfall the construction of the puddle wall had to be postponed, no puddle being available. The total outlay to end of the year was Rs. 30,927 against the revised estimate of Rs. 31,500, the expenditure during the year being Rs. 1,245.

Private Buildings assisted by a Government Grant-in-Aid.

71. **Ahmedabad District.**—The work of additions and alterations to the Mahalakshmi Female Training College at Ahmedabad consists of adding a second floor to the Lady Superintendent's quarters and a few minor alterations, for which a sum of Rs. 9,000 was allotted for expenditure during the year, but the work had to be postponed owing to famine, small alterations only having been carried out at a cost of Rs. 993. The sanctioned estimate amounts to Rs. 9,484.

72. The Principal's quarters and out-houses, Gujarát College, Ahmedabad, were completed at a total cost of Rs. 21,910 against the sanctioned estimate of Rs. 21,923, the outlay during the year being Rs. 1,372. The quarters consist of

a drawing-room 18′ × 16′, a dining-room 16′ × 16′, and an office-room 16′ × 16′, with a verandah 8′-6″ wide all round, on the ground floor, and 3 bed-rooms on the upper floor with a similar verandah. Four small rooms, enclosed from the verandahs on each floor, are provided for store-rooms and bath-rooms. Two blocks of out-houses are provided—one giving accommodation to five servants and a cook-room, and the other accommodating three syces and supplying stabling for three horses and a coach-house. Latrines for servants have also been provided.

Private Buildings undertaken wholly from Contribution.

73. **Ahmedabad District.**—Additional quarters for thirty students in the Gujarát College at Ahmedabad are to be nearly similar in construction to the existing ones and consist of eight rooms each 15′ × 12′, on the ground and first floors, respectively. The sanctioned estimate amounts to Rs. 16,818, of which a moiety has been contributed by Mr. Madhavlal, son of the late Honourable Mr. Ranchodlal Chotalal, C.I.E., and the other half has been paid from the College Funds. Rs. 833 were spent in excavating and filling in the foundations with concrete, and arrangements for collecting materials were made.

2.—Government Schools.

74. **Bijapur District.**—The construction of the High School at Bijápur, commenced in 1896-97, was in progress during the year under report, Rs. 12,679 being expended. The total expenditure, including payment of land compensation up to end of the year was Rs. 26,297 against the estimate of Rs. 41,673.

Private Buildings assisted by Government Grant-in-Aid.

75. **Poona District.**—The construction of the Sir Dinshaw Maneckji Petit School of the Camp Education Society, Poona, consisting of five class-rooms, described in last year's report, was in progress. One-half of the cost was sanctioned by Government and the other half was privately contributed. The expenditure during the year was Rs. 8,161. The amount of the estimate is Rs. 15,054, and the total expenditure up to date Rs. 14,171.

76. **Sholapur District.**—High School at Sholápur.—Nothing was done in connection with this building, owing to want of establishment for supervision, every available hand being employed on Famine Relief Works in progress.

Private Buildings undertaken wholly from Contribution.

77. **Presidency District.**—The construction of the Cathedral Girls' School, which is to be a two-storeyed building, was commenced in September 1899 on a site granted by Government on the Esplanade, Bombay. The ground floor of the building consists of a main hall 64′ × 26′, Piano room 12′ × 12′ and cloak room 10′ × 10′, with main and servants' staircases and verandahs 10′ wide on the south and west sides.

The first floor contains—

1 Class room 64′-6″ × 26′-6″.

1 Refectory room 26′-3″ × 12′-3″.

1 Cloak room 10′-6″ × 10′-6″ with a main staircase and verandahs 10 wide on the south and west sides.

The second floor consists of—

1 Class room 65′ × 27′.

1 Teachers' room 26′-6″ × 12′-6″.

Cloak room 8′-6″ × 8′-6″ and Sisters' room 11′ × 11′ with a main staircase.

The superstructure is of rubble stone and lime masonry with Coorla stone khandkee facing, the arching being of fine dressed Coorla cut stone. The doors

and windows are to be of teakwood, partly glazed and partly panelled. The roof will be of teakwood purlins, teak trusses, and covered with Mangalore tiles on $\frac{3}{4}$" boarding. The building will be provided with servants' quarters, three rooms, and W. C. on water carriage system. The drainage arrangements will be carried out in accordance with the Municipal rules. The work is in progress. The expenditure during the year amounted to Rs. 25,753 against the sanctioned estimate of Rs. 85,216.

Local Fund and Municipal Buildings.

78. **Shola'pur District.**—The work of the school-house at Málsiras was suspended during the year, first on account of want of establishment for supervision and afterwards for want of water at Málsiras.

79. **Ahmednagar District.**—A school-house on the standard plan at Wári, Táluka Kopargaon, Ahmednagar District, to accommodate 100 boys, was completed at a total expenditure of Rs. 2,839, the amount of the estimate being Rs. 3,080.

80. **Na'sik District.**—A school-house for 100 boys at Thangaon, Táluka Sinnar, consisting of a central room 31′ × 16′, and two side rooms, each 16′ × 16′, with a 6′ verandah in front, was in progress. The expenditure during the year was Rs. 2,617 against the estimate of Rs. 3,150.

81. **Kha'ndesh District.**—The school-house at Virdel in the Khándesh, District was completed during the year at a total outlay of Rs. 2,557 against an estimate of Rs. 2,713.

82. The following is the expenditure incurred on the other minor school buildings in collecting materials, &c. Owing to Famine their construction had to be postponed:—

No.	Name.	Estimate.	Expenditure from commencement.	Allotment.	Expenditure during 1899-1900.
		Rs.	Rs.	Rs.	Rs.
1	School-house for 40 boys at Mhaswa.	1,648	888	5	5
2	School-house for 60 boys at Nardana.	2,145	578	597	578
3	School-house for 80 boys at Atroval	2,788	411	411	411

83. **Dha'rwa'r District.**—In the Dhárwár District, a school-house at Tilwalli, commenced in the previous year, was completed during the year under report at a total cost of Rs. 2,889 against the estimate of Rs. 3,015, the outlay during the year being Rs. 908.

84. **Central Hyderabad Canals District.**—Additional quarters for 50 students of the Agricultural School at Hyderabad were completed at a total outlay to Rs. 17,893 against the estimate of Rs. 20,060. The work was described last year.

85. **Northern Hyderabad Canals District.**—The Students' quarters attached to the Technical School at Kandiaro, provide accommodation for 10 students and one master, as follows:—

(*a*). One block of six rooms each 10′ × 12′ with verandah 8′ wide in front has been constructed. The master will occupy one of the end rooms and two students will live in each of the remaining five rooms.

(*b*). Two cook-rooms each 8′ × 8′ with verndah 6′ wide in front in one block.

(*c*). Two bath-rooms each 8′ × 8′ in one block.

(*d*). Two blocks of latrines each block being of 3 seats.

The building is constructed of burnt bricks and mud masonry. The roof is supported on rails, T iron rafters and brick tiles, and the doors and windows are of deodar shutters with frames of teakwood. The building is practically completed. Only a few petty items remained to be done at the close of the year under report. Work was carried out during the year to the extent of Rs. 3,714 against an estimate of Rs. 4,103.

12.—LAW AND JUSTICE.

1.—High Court.

86. **Presidency District.**—There being no accommodation for records in rooms Nos. 19 and 20 on the first floor in the Prothonotary's Office, Record-racks were provided in the High Court of teakwood posts and plates with $\frac{3}{4}$" planking; they were provided with panelled shutters in the front and necessary brass fixtures and fastenings. Shelves were also made by providing vertical and horizontal planks, and cast-iron posts were provided as a protection against white ants. The work was completed at a total cost of Rs. 3,846 against the sanctioned estimate of Rs. 3,856.

3.—District Courts.

87. **Presidency District.**—The provision of shutters to prevent rain beating in, on the south and west sides of the first and second floors of the Police Court building on the Esplanade, Bombay, was completed during the year at a total cost of Rs. 3,807, against the sanctioned estimate of Rs. 4,231.

88. **Surat and Broach District.**—The restoration of the bastion behind the Assistant Judge's Court at Broach, mentioned in last year's report, was completed at a total cost of Rs. 4,696, which was the amount of the sanctioned estimate; the expenditure during the year being Rs. 696.

89. **Ahmedabad District.**—The work of providing accommodation for the Judicial Department in the old City Jail at Ahmedabad, mentioned in the previous report, was in progress during the year, and Rs. 20,189 were spent in completing the District and Joint Judges' Courts and collecting materials for constructing record-stands and Názir's godown and witness-shed. The total expenditure amounted to Rs. 31,532 against the sanctioned estimate of Rs. 70,067.

The works carried out were as under: The south-east wing of the old City Jail consisting of brick vaulted rooms has been converted by the addition of an upper storey into Courts and office for the District and Joint Judges. The building provides on the ground floor the Názir's office 30′×21′, the Judge's English office $31\frac{1}{4}'\times21\frac{1}{4}'$. and Library $30\frac{1}{4}'\times21\frac{1}{4}'$ with a water room, Názir's godown and other subsidiary rooms, and on the upper floor the District Judge's Court 50′×22′, the Joint Judge's Court $39\frac{3}{4}'\times22'$, Jurors' room 21′×22′, Pleaders' room 15′×22′, with a chamber for each Judge and two peons and one water-room. A verandah, 9 feet wide, has been provided on each floor. The construction is of brick and lime walls plastered on the inside, cement floors, and Mangalore-tiled roof on boarding.

90. **Na'sik District.**—The Subordinate Judge's Court-house at Yeola was commenced in 1896, and the little work that remained to be done was completed during the year under report. The expenditure during the year was Rs. 384, the total expenditure being Rs. 20,701 against the sanctioned estimate of Rs. 21,136.

91. **Belgaum District.**—The work of constructing a new chamber for the District Judge in the Court-house at Belgaum, was commenced and completed during the year under report, with the exception of the fixing of door and window shutters, &c., which has been since completed. The outlay was Rs. 2,676 against the estimate of Rs. 2,975.

92. **Ka'nara District.**—At Kárwár, the Subordinate Judge's Court-house, commenced in 1896-97, was completed during the year under report at a total cost of Rs. 17,223 against the estimate of Rs. 16,597, the expenditure during the year being Rs. 285.

93. **Ratna'giri District**—The Subordinate Judge's Court-house at Dápoli, commenced in 1896-97, was completed during the year under report at a total cost of Rs. 25,420 against the estimate of Rs. 25,980, the outlay during the year being Rs. 2,749.

94. **Shika'rpur Canals District.**—At Sukkur, the conversion of Barrack No. 40 into Judge's quarters and Judicial and Revenue Courts was commenced during the year, but the work was suspended. The expenditure during the year was Rs. 657 against the estimate of Rs. 53,314.

13.—JAILS.

95. **Poona District.**—Quarters for artizans, &c., at the Juvenile Reformatory, Yerrowda, described in last year's report, were completed at a total outlay of Rs. 5,199 against the estimate of Rs. 5,279, the expenditure during the year being Rs. 2,699.

2.—District Jails.

96. **Tha'na District.**—Construction of contagious disease wards in the Thána Prison, described in previous report, was completed, with the exception of a few iron-barred windows, at a total cost of Rs. 10,944 against the sanctioned estimate of Rs. 12,038, the expenditure during the year being Rs. 6,119.

97. **Bija'pur District.**—The work of constructing quarters and latrines for Clerks and 8 Warders of the prison at Bijápur was in progress. The total expenditure was Rs. 4,508 against the estimate of Rs. 4,969, the outlay during the year being Rs. 50.

98. **Aden.**—Certain additions and alterations to the Prison at Aden were carried out during the year at a cost of Rs. 4,180. The work comprises, *viz.*:—

(i) A woman's lock-up.
(ii) A printing shed.
(iii) A grinding shed.
(iv) A cook-house.

14.—POLICE.

99. **Surat and Broach District.**—Two blocks of Police lines at Surat, described in the previous report, were completed at a total cost of Rs. 13,243 against the sanctioned estimate of Rs. 14,072, the expenditure during the year being Rs. 7,631.

100. **Kaira and Panch Maha'ls District.**—New Police lines at Kunkashia in the Panch Maháls, commenced last year, were completed at a total cost of Rs. 3,009 against the sanctioned estimate of Rs. 3,145.

101. Police lines at Wádia in the Sankheda Mewás were finally completed at a total cost of Rs. 3,228 against the sanctioned estimate of Rs. 3,713, the expenditure during the year being Rs. 1,769.

102. **Poona District.**—Of the addititions and alterations to the official residence of the District Superintendent of Police, Poona, the remaining two sub-works, *viz.*, paving Superintendent of Police's residence, and additions and alterations to the Police Superintendent's Office, Poona, were completed. The expenditure during the year was Rs. 3,543 against the estimate of Rs. 6,035, the total expenditure being Rs. 6,067.

103. The additional Police lines at Sirur, described in last year's report, were completed at a total outlay of Rs. 5,200 against the estimate of Rs. 5,294, the expenditure during the year being Rs. 1,900.

104. **Shola'pur District.**—The Head-quarter Police lines at Sholápur, as described in last year's report, were completed. The expenditure incurred during the year was Rs. 1,568 against the allotment of Rs. 2,800. The total expenditure was Rs. 42,251 against the sanctioned estimate of Rs. 43,991.

105. A store-room for the Head-quarter Police lines at Sholápur, described in last year's report, was completed during the year. The room has been paved with Shahabad stones laid on 6″ concrete. The outlay during the year was Rs. 1,398 against the allotment of Rs. 1,500, the total outlay being Rs. 2,635 against the sanctioned estimate of Rs. 2,779.

106. **Ahmednagar District.**—The Police lines at Kopargaon in the Ahmednagar District, consisting of two blocks of 12 and 13 rooms, respectively, which are being built according to the standard plan, were in progress. The expenditure during the year was Rs. 2,782 against the estimate of Rs. 8,141.

107. The Police lines at Bhinghár, Ahmednagar District, are of stone and lime and are on the standard plan. They consist of six rooms in a single block. The roofing was in progress at the end of the year. The allotment was not spent owing to delay in connection with the foundations. The estimate is Rs. 2,255, of which Rs. 1,575 were expended during the year under report.

108. **Na'sik District.**—The Police lines at Peint were completed. The total expenditure from the commencement was Rs. 14,888 against the estimate of Rs. 14,890, that of the year being Rs. 1,676.

109. **Kha'ndesh District.**—Lines for 10 armed men for guarding the treasury attached to the new Mámlatdár's Kacheri at Yával, described in last year's report, were completed at a total outlay of Rs. 3,280 against the estimate of Rs. 3,405, the expenditure during the year being Rs. 1,786.

110. **Sa'ta'ra District.**—Additional Police lines at Medha, commenced in the previous year, were in progress. The total outlay to end of the year was Rs. 5,766 against the estimate of Rs. 6,118, the expenditure during the year being Rs. 4,269.

111. Additional Police lines at Pátan and Wái and Police lines for 10 armed men for Treasury guard for Mámlatdár's Kacheri at Karád, were put in hand during the year. The outlay was Rs. 4,073, 5,594 and 2,937 against the estimates of Rs. 8,113, 6,440 and 3,195, respectively.

112. **Central Hyderabad Canals District.**—The construction of Police Post at Tando Jam, which was commenced during 1898-99, was completed during the year under report at a total cost of Rs. 2,452 against an estimate of Rs. 2,502. The work was fully described in last year's report.

113. The Police lines at Gidu Bandar, fully described in last year's report, were completed at a total cost of Rs. 3,735 against an estimate of Rs. 3,873.

114. **Kara'chi Canals District.**—For the new Police lines in the Sadar Bazár at Karáchi, materials were collected and the expenditure of the year was Rs. 8,510 against the estimate of Rs. 21,669.

15.—MEDICAL.

I.—Hospitals and Dispensaries.

115. **Presidency District.**—The construction of new quarters for the Resident Medical Staff at the Jamsetjee Jeejibhoy Hospital, Bombay, estimated to cost Rs. 35,925, was commenced, but soon stopped. Rs. 845 were expended during the year. The construction of a Disinfecting shed for Pilgrims, mentioned in the previous report, was put in hand on a site near the Prince's Dock. The shed will be 122′ 6″ × 50′ × 12′ to the spring of tie rods. It will be divided into rooms as shown below :—

One waiting room before disinfection, 61′ 3″ × 50′.

Do. after disinfection, 43′ 9″ × 50′.

One washing place, 19′ × 18′.

One room for women and children, 18′×17′.
One room for stove and cradle, 18′×14′.
One officer's room, 9′ 6″×6′.
One lavatory, 6′×4′ 6″.
One coal shed, 6′×4′ 6″.
One boiler room, 8′ 9″×6′.

The superstructure and roof will be of corrugated iron supported on old iron rails and trusses, and the floors will be of Indian patent stone. The work is in progress and expenditure during the year amounted to Rs. 12,082, and the total expenditure to Rs. 16,125 against the sanctioned estimate of Rs. 20,034.

116. For the location of the Plague Research Laboratory in Government House at Parel, certain additions and alterations were carried out to a portion of the ground and first floors of the main building, and some of the out-houses placed at the disposal of the officer in charge of the Plague Research Laboratory. The work consisted of providing incandescent gas light, water fittings, drainage, and shelves for storing the prophylactic, chemicals, and records. The work was completed at a total cost of Rs. 10,449 against the sanctioned estimate of Rs. 10,175.

117. **Thaʻna District.**—The Dispensary at Andheri, described in last report, was completed during the year and opened for the use of the public on 5th May 1899. It has supplied a long-felt want at the locality, which is rising gradually into importance as a suburb of Bombay. The work was completed at a total cost of Rs. 10,047 against the sanctioned estimate of Rs. 10,027, the expenditure during the year being Rs. 3,827.

118. **Ahmedabad District.**—The Dispensary at Ránpur in the Dhandhuka Táluka, described in last year's report, was in progress and the superstructure brought up to a height of 6 feet. The total expenditure amounted to Rs. 3,151 against the revised sanctioned estimate of Rs. 5,195, the expenditure during the year being Rs. 1,599.

119. The Nowrojee Pestonjee Vakil Ophthalmic Hospital and out-door Dispensary at Ahmedabad are to be built in the precincts of the Hathesing Premabhai Civil Hospital, Ahmedabad, the funds for their erection, *viz.*, Rs. 30,950 for Hospital and out-door Dispensary and Rs. 1,892 for furniture and fittings, having been provided by Khán Bahádur Nowrojee Pestonjee Vakil, C.I.E. The Hospital is a two-storeyed building and provides on the ground floor a consulting room 20′×15′, a dispensary room 20′×11′, a waiting room 20′×11′, a ward for six patients 22½′×20′, a dark room, store-room and bath-room, each 10′×9′, and a ward for one patient 10′×9′, with a verandah 7½′ wide on all sides; on the first floor an operation room 31′ 6¾″×15′ 9″, two wards for six patients 22′ 8⅛″ by 20′ 4½″ each, one dark room 10′×9′, two bath-rooms 10′×9′, and a ward for one patient 10′×9′, with an 8′ wide verandah on all sides. The expenditure during the year amounted to Rs. 10,133, against the sanctioned estimate of Rs. 30,950.

120. **Poona District.**—Two wards, each 13′×10′, with bath-room, for accommodating violent and insane European patients to be treated in the Sassoon Hospital, Poona, were completed at an expenditure of Rs. 2,635 against the estimate of Rs. 2,663.

121. The existing Maternity Hospital being inconvenient in position and giving insufficient accommodation, the construction of a new Maternity Hospital at the Sassoon Hospital, Poona, with one operating room and five wards, each 13′×20′, an accouchement room 16′×12′ and nurses' room, &c., was started and is to be considered as the gift of the donor of the existing one. The work was in progress. The amount of the estimate is Rs. 20,619 from which Rs. 10,004 were expended.

122. **Central Hyderabad Canals District.**—The Steele Veterinary Dispensary in Hyderabad was commenced last year and completed this year at a total cost of Rs. 12,065 against the estimated amount of Rs. 13,492. Full description of the work was given in last year's report.

123. **Na'sik District.**—The Plague Hospital at Násik consists of—

(a)—General Plague Hospital.

Two wards 128′ × 22′.
Two wards 96′ × 22′.
Two wards 64′ × 22′.
Four wards 48′ × 22′.
Six rooms for attendants 30′ × 10′ each.
One cook-room for attendants 25′ × 12′.
One cook-room for patients 16′ × 10′.
Four bathing platforms 6′ × 6′ each.
One dispensary 58′ × 22′.
One godown and store 32′ × 12′.
One mortuary 15′ × 10′.
One Hospital Assistants' quarters 30′ × 22′.
One cook-room for assistants' quaters 18′ × 8′.
Four servants' quarters.
Two sweepers and Police quarters 32′ × 10′.
Nine latrines of 2 seats each 12′ × 7′ each.
One well 10′ diameter.
One road, and gutters.

(b)—Segregation Camp.

Thirty-three huts 30′ × 10′ each.
Latrines, 35 seats 3′ × 3′.
Sixteen bathing platforms 6′ × 6′ each.
Roads and gutters.

(c)—Health Camp.

Same as Segregation Camp. Of these the following sheds were constructed during the year under report :

(d)—General Plague Hospital.

One ward 128′ × 22′.
One ward 96′ × 22′.
One dispensary 58′ × 22′.
One godown and store 32′ × 12′.
One mortuary 15′ × 10′.
One servants' quarters 24′ × 10′.
One cook-room for attendants 25′ × 12′.
One bathing platform 6′ × 6′.
One latrine of two seats.

(e)—Segregation Camp.

Two huts 30′ × 10′ each.
One bathing platform 6′ × 6′.
One latrine of two seats.

The expenditure was Rs. 4,337 against the estimate of Rs. 29,728.

3.—Lock Hospitals.

124. **Kara'chi Canals District.**—The Detention Camp at Kiamari was practically completed, the outlay during the year being Rs. 22,714 against the estimate of Rs. 23,040.

4.—Lunatic Asylums.

125. **Tha'na District.**—On the Narotamdas Madhowdas Lunatic Asylum at Nowpáda the year's expenditure amounted to Rs. 47,541, the total from the commencement up to the end of the year being Rs. 3,53,627, against the sanctioned estimate of Rs. 4,08,777. The progress during the year was as follows :—

Block D was completed.

Block C, which was commenced last year, has approached completion during the year, only a few minor items remaining to be finished.

Block F—the floors only remain to be made; the block is otherwise complete.

Blocks J^2, M^2, U, U^3, U^4, V, V^1 and Z were completed.

Blocks J^3 and S were commenced and the superstructure was raised to the level of the tie beams.

Block Y—the foundations of all the blocks were laid and four of them were finished with roofing and stone pavement.

The 15 feet compound wall was completed and finished with gate, &c. Of the 9 feet compound wall, a length of 3,024 feet was also completed and coped, and the foundations of the remaining length of 1,418 feet were laid.

Unclimbable railing round the hospital for males and the blocks for steward and store and office room, was fixed during the year.

The approach road was completed and maintained in good order; the total length from the Bombay-Agra road to the end of Block E^1 is 2,625 feet.

This year again, Clerks and other Government servants from Bombay and Thána were permitted to take refuge in the completed buildings during the plague recrudescence and some 200 persons found shelter in the Asylum. Two of the completed Blocks G and H were actually in use by the Jail Department, and seven more were reserved for further use in case of emergency.

16.—MISCELLANEOUS.

2.—Printing.

126. **Presidency District.**—Provision of fire fittings in the Government Central Press building, described last year, was completed at a total cost of Rs. 4,341, against the sanctioned estimate of Rs. 4,470; the expenditure during the year being Rs. 741.

5.—Miscellaneous or General.

127. **Presidency District.**—The provision of fire fittings in the Town Hall at Bombay was in progress. The work consists of supplying and fixing fire hydrants, connecting 3″ pipe with 6″ main and placing 3 tanks over the roof, to the centre of which a 4 cubic inch pipe is connected. The expenditure during the year amounted to Rs. 2,379 against the sanctioned estimate of Rs. 2,892.

The bad acoustic properties of the Town Hall being attributed to the absence of any ventilation in the high coved ceiling which used to produce repeated echoes, it was considered advisable to remove the flat stucco ceiling and replace it by a thick perforated flank one with a suitable teak cornice, &c., keeping the coved portion intact; and to provide a continuous ridge ventilator by opening the main roof on the top of the ceiling. The work of providing Mangalore tiled ridge ventilator to the main hall was taken in hand, while that of removing the flat stucco was deferred till next year, as the hall was required for certain engagements. The work was in progress, expenditure during the year amounted to Rs. 1,347 against the sanctioned estimate of Rs. 3,762.

128. mprovements to the latrines attached to the Sir Jamsetjee Jeejeebhoy Dharmsala were completed during the year at a total cost of Rs. 4,591, against the sanctioned estimate of Rs. 5,682. They consist of 7 seats of Hindustan patent closet with marble slab seats and flushing arrangements complete. To allow of more light and free circulation of air, a ridge ventilator was also provided at the top. The work was connected with the Municipal sewer by means of 6″ galvanized earthenware pipe drains.

129. **Thana District**—The new bungalow for the Superintendent at Mátherán, described in the previous reports, was completed during the year at a total cost of Rs. 9,974 against the sanctioned estimate of Rs. 10,321, expenditure during the year being Rs. 248.

2.—COMMUNICATIONS.

130. The total outlay on communications was Rs. 21,48,758, sub-divided as under:—

	Rs.
Original Works	3,64,937
Repairs	12,75,791
Establishment	4,77,647
Tools and Plant	30,383
Total Rs. ...	21,48,758

131. A statement showing the mileage of all the roads constructed and in progress from Imperial, Provincial and Local Funds under Public Works Agency, as well as extensions carried out during the year 1899-1900, is appended to this report. Appendix D.

132. The statements of extensions of Local Funds and Municipal roads maintained by Civil Agency for the years 1896-97 and 1897-98 are under preparation.

133. A statement showing the progress made in the demarcation of roads in the Northern, Central, Southern and Sind Divisions for 1899-1900 is also appended to this report. Appendix E.

134. A map, in 3 sheets, showing the progress made during the year on the principal lines of roads forms, as usual, an appendix to the report. Appendix F.

I.—METALLED ROADS.

A.—Bridged and Drained throughout.

135. **Surat and Broach District**—The road from Olpád to Sahol (*Local*), described in the previous reports, was in progress; collection of metal for six miles, a 12′ culvert and a bridge of 5 spans of 20′ each, have been completed up to the end of the year. The total expenditure amounted to Rs. 27,254 against the sanctioned estimate of Rs. 43,912, the expenditure during the year being Rs. 10,133.

136. The road from Bárdoli town to the Tápti Valley Railway Station of Bárdoli (*Local*), described in previous year's report, was in progress; one bridge of 20′ span, one culvert of 8′ span, a 2′ feet double slab drain and one paved dip were completed and the remaining quantity of metal provided; the total expenditure amounted to Rs. 10,101 against the sanctioned estimate of Rs. 11,656, the expenditure during the year being Rs. 5,648.

137. **Kaira District**—The work of constructing a road from Mátar towards Cambay, 1st section, was sanctioned in 1898-99, but the work was not commenced owing to plague and famine. The road was demarcated up to the limits of Traj at a cost of Rs. 1,329.

138. The work of metalling the second and third miles of the Kaira-Mehmadabad road was commenced during the year and a portion of the metal collected at a cost of Rs. 4,833.

139. **Ahmedabad District.**—The road from Harsol to Talod (*Provincial*), described in previous reports, was completed at a total cost of Rs. 36,476 against the sanctioned estimate of Rs. 37,506, the expenditure during the year being Rs. 263. The road has become one of importance, and with the Ahmedabad-Paránti j Railway has given great facility in the transit of grain to the outlying Modása-Mahál in the present famine year.

140. The work of re-making the road from Ahmedabad to Dholka (*Local*), described in previous reports, was in progress, and Rs. 1,574 were spent during the year in completing five miles with stone and kunkar metal; the remaining two miles will be taken in hand in the ensuing year. The total expenditure amounted to Rs. 16,961 against the sanctioned estimate of Rs. 25,862.

141. Metalling the first five miles of the road from Ahmedabad to Bareja (*Local*), described in previous reports, was in progress, and Rs. 827 were spent during the year in completing one-half of each of the 5th and 6th miles of the roads. The remaining halves will be taken in hand in the ensuing year and the whole road will be completed as funds permit. The total expenditure amounted to Rs. 11,607 against the sanctioned estimate of Rs. 13,284.

142. Metalling the Ahmedabad-Bowla road (*Local*) up to sixth mile near Surkhej, described in previous reports, was in progress, and two more miles of the road were completed during the year, making in all four completed miles. The metal used on the completed miles is trap from Sewalia, but it is intended to do the remaining two miles with laterite, and part of the necessary quantity has already been stacked on the road-side. The total expenditure amounted to Rs. 18,660 against the sanctioned estimate of Rs. 23,998, the expenditure during the year being Rs. 6,829.

143. On the road connecting Asarwa yard with the metalled road to Dariapur gate, Ahmedabad (*Local*), the earth-work of two-thirds of the road was completed; the expenditure during the year amounted to Rs. 251 (with a credit of Rs. 241 for materials transferred) against the sanctioned estimate of Rs. 8,750.

144. **Na'sik District.**—The deviation of the Savalghât portion of the Násik-Balsád Road is nearly completed. Metal has been spread and partially consolidated on the whole length of the road except in the last 3,000 feet. The expenditure was Rs. 6,003, bringing the total outlay up to date to Rs. 41,880, against the estimate of Rs. 43,859.

145. The Victoria Bridge across the Godávari River at Násik (*Local*) was reported completed in 1896-97, but the accounts have not yet been finally closed owing to compensation for certain land acquired not having yet been paid. During the year, iron railing was provided on each side of the high approaches at a cost of Rs. 768.

B.—Partially bridged and drained.

146. **Kaira District.**—The work of metalling the Godhra-Shera road (*Provincial*), 14 miles in length, in progress since 1894-95, was completed, with the exception of planting trees on the road-side, at a total cost of Rs. 42,633, including Rs. 1,700 spent during the year. The sanctioned estimate amounts to Rs. 47,304.

147. The work (*Contribution*) of collecting metal for improving the road from Bodeli to Chhota-Udepur in the Chhota-Udepur State was completed, except miles Nos. 1, 9, 10, 14, 21 and 22. It was handed over to the State in December 1899 to be carried out as a famine work by the State Agency. Metal required for miles 1, 9, 10, 14, 21 and 22 was broken at the quarries, but not carted to the road-side. The expenditure incurred during the year amounted to Rs. 20,806, and the total expenditure up to the time, when it was handed over, amounted to Rs. 25,405.

148. **Belgaum District.**—The Saundatti-Dhárwár Road (*Local*) was metalled throughout and completed with the necessary improvements. The total outlay to end of the year was Rs. 16,491 against the estimate of Rs. 16,654, the expenditure during the year being Rs. 793.

149. **Sa'ta'ra District.**—On the Sátára-Mahábleshwar Road (*Provincial*), some cushion walls below road dips, which remained to be constructed in the previous year, were completed. The total outlay was Rs. 10,054 against the estimate of Rs. 15,139, the outlay during the year being Rs. 139.

150. **Poona District.**—The construction of a causeway over the Indrayani at Moshi on the Poona-Násik Road was in progress. The bed of the river at the crossing is rocky and the crossing is dangerous for traffic whilst there is flow in the river; a paved causeway raised from 2′ to 3′ above the bed is being constructed with openings of 2′ square to permit of the passage of the cold weather flow of the river. The work is in progress. The expenditure during the year was Rs. 4,998 against an estimate of Rs. 5,779.

2.—UNMETALLED ROADS.

A.—Bridged and Drained throughout.

151. **Surat and Broach District.**—The improvements to the portion of the Broach-Jambusar Road between Kelod and Samni, described in last report, was in progress and a sum of Rs. 6,157 was spent during the year; the total expenditure amounted to Rs. 7,912 against the sanctioned estimate of Rs. 8,664.

152. **Na'sik District.**—On the Shirghát-Ghoti Road the embankment and cutting were completed up to chainage No. 17,800 during 1898-99, and were continued as far as chainage No. 29,500 during the year under report. The metal required for this portion was collected and spread up to chainage No. 10,000, but not yet consolidated. The expenditure during the year was Rs. 15,095, making the total outlay up to date Rs. 29,871 against the estimate of Rs. 1,73,496.

153. **Fuleli Canals District.**—The reconstruction of the bridge over the Fuleli at Tando Mahomed Khan was fully described last year, and materials were collected, wells were sunk and the piers were commenced. During the year under report, the whole work was completed at a total cost of Rs. 16,177 against an estimate of Rs. 16,337, and the bridge was ready before the inundation of 1899.

B.—Partially Bridged and Drained.

154. **Tha'na District.**—The road from Khodala to Mokhada (Provincial), was described last year. During the year the first 1¾ miles were completed with drains and level-crossings, and the earth-work was finished on a further length of nearly six miles, masonry works on which are in progress and the material for surfacing is collected for nearly five miles. If the progress continues equally satisfactorily, it is expected that in the rains of 1901 the road will be opened for cart traffic from Khodala to Mokhada. The work is in progress; the expenditure during the year amounted to Rs. 31,482 and from the commencement to Rs. 36,510 against the sanctioned estimate of Rs. 1,04,830.

155. The road from Manor to Kase (Provincial), described in last year's report, was in progress. The first mile from Kase was surfaced with muram and consolidated and was opened for traffic, one more drain and a level-crossing were made and the road was completed practically for two miles from Kase; the expenditure during the year amounted to Rs. 2,968 and from the commencement to Rs. 5,459 against the sanctioned estimate of Rs. 23,262.

156. The road from Ambadi to Vajreshwari (Local), which was described last year, was practically completed and opened for traffic throughout, at a total

cost of Rs. 14,233 against the sanctioned estimate of Rs. 15,787; the expenditure during the year amounted to Rs. 2,617. Some work is still in progress.

157. The road from Kalwa to Belápur (Local) was described in previous report, the earth-work has now reached Belápur and is practically completed. The total expenditure amounted to Rs. 13,071, of which Rs. 6,062 were spent during the year against the sanctioned estimate of Rs. 28,027.

158. The Kalyán-Karjat Road (Local) was started as an ordinary Local Fund work, but at famine rates at the instructions of the Collector, from 19th March 1900.

The numbers on the work were as under—

Period of work.	Number of workers.	Daily average.
19th to 24th March 1900	1,176	196
25th to 31st „ „	3,185	531
1st to 7th April „	1,205	201
8th to 14th „ „	1,428	238
15th to 21st „ „	1,888	314
22nd to 28th „ „	2,324	387

The work was in progress. Rs. 599 were spent during the year against the sanctioned estimate of Rs. 37,921.

159. **Belgaum District.**—The road from Kudchi to Terdal (*Local*), which is a feeder road to the Southern Mahrátta Railway, was completed at a total cost of Rs. 66,858 against the estimate of Rs. 66,856, the outlay during the year being Rs. 251.

160. **Dha'rwa'r District.**—Almost the whole of the grant of Rs. 10,000 allotted for the Gokák-Nargund Road (*Provincial*) during the year having been withdrawn on account of the famine, the work had to be given up, muram being collected only to the extent of Rs. 674.

161. Road from Harlápur Station to Advisomapur (*Local*), Section I, was started at the suggestion of the Collector with a view to give employment to villages in distress in the eastern part of the Gadag Taluka; by the time the surveys were completed, estimates framed and alignment approved, the harvesting of the surviving crops in the neighbourhood was commenced, which kept the attendance on this work at a low figure, the maximum daily number being 189. Most of the earth-work of No. I section was completed by the end of the year and the collection of muram for surfacing started. The outlay was Rs. 1,699.

162. **Bija'pur District.**—Improvements to the portion of the road from Bijápur to Bágevádi, 24 miles (*Local*), 6⅛ miles in length, between Don Nála and a village named Mángoli, were commenced during 1895-96 and were finally completed during the year under report. The total outlay to end of the year was Rs. 39,281 against the estimate of Rs. 39,283, the expenditure during the year being Rs. 65.

163. The Bijápur-Sindgi Road, 35½ miles (*Local*), was commenced in 1891-92 as a famine relief work, improvements were resumed during 1895-96 as an ordinary work, half the cost being contributed by Government from Provincial Funds and half from Local Funds. The work was nearly completed. The total expenditure on the work was Rs. 1,27,028 against the estimate of Rs. 1,35,561, the expenditure during the year being Rs. 6,056.

164. The work of breaking metal on the portion of the road from Hippargi to Sindgi was commenced as a test work and an expenditure of Rs. 1,551 was incurred against a separate estimate

165. **Shola'pur District.**—The work of metalling Kuslamb-Yermala Road (*Provincial*) was commenced in July 1899 and 6 miles were completed. The expenditure during the year was Rs. 2,024 against the allotment of Rs. 2,025 and estimate of Rs. 3,416.

166. **Kha'ndesh District.**—Almost the whole of earth and masonry works on the Taloda-Nandurbár road (*Local*) were completed but surfacing with muram was put off for want of rain. The amount of expenditure during the year was Rs. 8,830 against the estimate of Rs. 71,270 and the total expenditure was Rs. 17,286.

167. The Sakri-Ghorda road, described in previous reports, was completed at a total outlay of Rs. 28,601 against the estimate of Rs. 37,152, the expenditure during the year being Rs. 1,805.

168. The road from Amalner to Parola (*Local*), described in previous reports, was in progress; murum surfacing and rolling of 5 miles were completed; the muram spread in miles 4 to 8 could not be consolidated for want of rain. Further progress was suspended on account of famine. The amount of the expenditure during the year was Rs. 9,281 against the estimate of Rs. 67,633, the total outlay being Rs. 42,599.

169. The Tápti approaches on the Nandurbár-Taloda road (*Local*), described in previous reports, were practically completed and opened for traffic. Only the stone pitching on the north approach remains to be done. The amount of the estimate is Rs. 16,882 and the total expenditure was Rs. 16,283, of which Rs. 794 were expended.

3.—ROADS BANKED AND SURFACED WITH MURAM, BUT NOT DRAINED.

170. **Na'sik District.**—(*Incorporated Local Fund*).—Road from Dholbari to Shelbari.—The following works were executed:—

(1) *Earth-work.*—The bank was raised and widened in half of the 4th mile and the whole of the 6th mile.

(2) *Muram.*—Was collected in the first 6 miles and spread.

(3) *Stone Kerbing.*—Some of the stones needed were collected.

The expenditure during the year was Rs. 3,421, making the total outlay to date Rs. 16,114 against the estimate of Rs. 34,348.

4.—ROADS BANKED BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED.

171. **Shika'rpur Canals District.**—Roads from Shikárpur to Zarkhel and Jagan (*Local*).—Two bridges on these roads were constructed over Raiswáh. The outlay on them was Rs. 6,807 against the estimate of Rs. 6,811. One of the bridges has two spans of 10 feet each, and the other has two of 6 feet each, with a road-way 16 feet wide and approaches with gradients of 1 in 30. The springing level is one foot above the high-water level of canal.

172. **Kara'chi Canals District.**—Road from Gara to Dabheji (*Local*).—Improvements to this road, mentioned in last year's report, were completed during the year at a total cost of Rs. 5,415 against the estimate of Rs. 5,659, the expenditure during the year being Rs. 1,601.

5.—ROADS CLEARED, PARTIALLY BRIDGED AND DRAINED.

173. **Surat and Broach District.**—(*Local*). The low level bridge across the Tena Creek at Itchapur in the Olpád Táluka, described in last year's report, was in progress. Rail piles were driven and both the approaches were completed. Rs. 4,815 were expended during the year, while the total expenditure amounted to Rs. 8,058 against the sanctioned estimate of Rs. 13,613.

174. Reconstruction of bridge No. 67 on the Kim-Mándvi Road. As the main wooden girders of the bridge, which consists of a middle span of 40 feet and end spans 20 feet each, have dangerously sagged, and the iron cross-girders are not in good condition and the planking is all rotten, it is proposed to renew the whole of the superstructure of the bridge by substituting for the wood girders four rolled mild steel beams (6″ × 12″) placed 3′-8″ centre to centre, at the two end spans and 3 steel trapezoidal plate girders at the middle span. The

girders to be spaced 5'-4" apart and to be of the same pattern as those used on the Sahol bridge lately constructed, the total depth in the middle being 3'-6". Some materials were collected during the year, but the girders, &c., were not received from England. The expenditure during the year amounted to Rs. 364 against the sanctioned estimate of Rs. 5,083.

175. **Bija'pur District.**—Improving the road from Sindgi to Indi *vid* Almel, 31½ miles (*Local*).—Improvements to this road were put in hand in 1894-95; half the cost was met from Provincial and half from Local funds, and an expenditure of Rs. 13,235 was incurred as an ordinary Local fund work, against the estimate of Rs. 1,44,154, to end of March 1898. Some improvements were also made to this road in 1896-97 by famine labour at a cost of Rs. 1,90,419 against an estimate of Rs. 3,03,344. For convenience of work, the road is divided into two sections, 1st and 2nd. The length of the 1st section is 19 miles and that of the 2nd section 12¾. It has been proposed to finally complete the road on fresh estimates and accordingly the work on the 1st section was in progress, the total outlay to end of the year against the fresh estimate was Rs. 10,455, the outlay during the year being Rs. 4,871.

Owing to the scarcity during the year under report, it was decided to open the work as a Test work and accordingly fresh estimates for such work as was suitable for relief workers were prepared and work started. The outlay, as detailed below, was incurred :—

	Estimate.	Expenditure.
1st section	3,656	3,622
2nd do.	2,392	2,330
Total ...	6,048	5,952

Thus the total outlay on the road during the year under report was Rs. (4,871+5,952) = Rs. 10,823.

176. Road from Huvin-Hippargi to Telgi, 19½ miles (*Local*).—Full particulars of the road were given last year. The work of completing the 2nd section of the road from Bágevádi to Telgi, 12 miles, has been in progress since 1898-99 on a fresh estimate amounting to Rs. 20,768, the total outlay to end of the year was Rs. 11,982, the expenditure of the year being Rs. 6,994.

6.—ROADS CLEARED ONLY.

177. **Ahmedabad District.**—The road from Sádra to Parántij (local), described in the last year's report, was in progress, but work had to be stopped on account of famine. The total expenditure amounted to Rs. 1,689 against the sanctioned estimate of Rs. 4,432, the outlay during the year being Rs. 189.

SURVEYS.

178. **Tha'na District.**—The followings surveys were made during the year :—

Number in the Famine Programme.	Name of Road.	Miles surveyed.
8	Road connecting Gokhirwad Papdi with the Ambadi-Wareshwari Road	14¾
11	Road from Maswan to Wajreshwari	20¼
12	Do. Wáda to A'tgaon	20¼
13	Do. Sháhápur to Kuthal, 1st section, from Sháhápur to Shenwa	8¼
18	Do. Wángaon to Chinchni	6

Number in the Famine Programme.	Name of Road.	Miles surveyed.
19	Road from Sanján to Talasari, 1st Section (Sanján to Kawad)	9
22	Roads in Bassein Táluka...	9
23	Road from Bháyndar to Bándra-Ghodbandar Road .	3½
26	Do. Sanján to Nargol with a branch to Saronda	8
27	Do. Bhilád to Phanse	12
28	Do. Katai to Khadki	8
29	Improvements to the tank at Wáda	
30	Road from Saphala to Makne	1
32	Do. Chinchni to Dáhánu	7¾
33	Do. Gholvad to Bordi and Deheri ...	5½
35	Do. Satiwli Khind to Bhiwndi *vid* Kharbao .	14½
39	Water-works at Máhim	
40	Supplementary Pokhran Water-works... ...	
	Kolába District.	
	Road from Kadav to Bhivpuri	4½
	Do. Neral to Kashele	7¼
	Do. Ambarnath Railway Station to Ambarnath Temple	1¼
	Total ...	161¼

Projects for roads already surveyed were prepared, as shown below:—

	Miles.
Road from Boisur to Maswan	11
Do. Vehegaon to Khodala	11¾

Out of the 161 miles surveyed for roads as per enlarged famine programmes, projects for the following were completed, and famine work was in progress thereon:—

	Miles.
Wangaon to Chinchni	6
Sanján to Nargol	8

Projects are also ready for the following roads:—

Gokhirwa to Vajreshwari	14¾
Maswan to Vajreshwari	20¼
Sanján to Talasari (1st Section from Sanján to Kawad) ...	9
Roads in Bassein Táluka...	9
Bhilád to Phanse	12
Katai to Khadki	8
Chinchni to Dáhánu	7¾
Gholvad to Bordi (up to Deheri)	5½

The expenditure on surveys was Rs. 3,600, which gives a mileage rate of Rs. 22.

179. **Kara'chi Canals District.**—Surveys (*Local*) of two new roads from Thano-Bulákhán to Meting and Jhimpir Stations were commenced and completed during the year at a total cost of Rs. 50 against the estimate of Rs. 50.

5.—INSPECTION HOUSES AND OTHER BUILDINGS.

180. **Ratna'giri District.**—The work of re-constructing the Rest-house at Kashedi, commenced in the previous year, was completed during the year under report at a total cost of Rs. 2,507 against the estimate of Rs. 2,549, the outlay during the year being Rs. 1,008.

181. **Poona District**—The construction of an Inspection Bungalow with out-houses at Khed on the Poona-Násik Road, described in last year's report, was completed at a total outlay of Rs. 3,405, the amount of the estimate was 3,469, from which Rs. 247 were expended.

182. **Ka'ndesh District**—The work of construction of the Inspection Bungalwo at Edlabad was stopped on account of famine. Only materials to the extent of Rs. 797 were collected. The bungalow is to be on the same plan as the other Inspection Bungalows in this district. The expenditure during the year was Rs. 797 against the estimate of Rs. 4,454.

7.—BOATS, BRIDGES AND FERRIES.

183. **Poona District**—The construction of a Ferry boat at Koregaon, described in last year's report, was completed at a total outlay of Rs. 5,268, the expenditure during the year being Rs. 3,127 against the estimate of Rs. 5275.

184. **Shola'pur District**—The Bridge over the River Bhima at Pandharpur has been abandoned for the present, on account of the financial difficulties of the Pandharpur Municipality.

185. **Kara'chi Canals District**—The quarters for the Superintendent of the Ferry at Saidpur and Tanka (*Local*), mentioned in last year's report, were completed at a total cost of Rs. 2,823 against the estimate of Rs. 2,729, the expenditure of the year was Rs. 2,410.

8.—ACCOMMODATION FOR TRAVELLERS.

186. **Ahmedabad District**—The Dharamsala at Modása, described in last year's report was completed at a total cost of Rs. 4,385 against the sanctioned estimate of Rs. 4,389, the expenditure during the year amounting to Rs. 332.

9.—ARBORICULTURE.

187. **Tha'na District.**—On the Provincial roads the number of trees planted during the year was 689 out of which 390 died, giving a percentage of 44 surviving. The total number of trees thus increased from 17,784 to 18,083.

On the Local roads the number of trees planted during the year was 2,173, out of which 1,272 died, giving a percentage of 41 surviving; the total number of trees is thus increased from 28,534 to 29,435.

188. **Surat and Broach District**—Road-side trees on the following two roads were maintained from Provincial grants :—

Road from Párdi to Chival.

Road from Daman to Wápi.

Sixty-one new trees were planted on the Párdi-Chival road and 42 on the Daman-Wápi road during the year, of which 39 on the former and 25 on the latter died. There are no nurseries maintained in this district.

189. **Kaira District**—The nurseries maintained for planting road-side trees on Provincial roads are as shown in the margin. 1,000 young plants were transplanted to the road-side from the nurseries at Khandia and Chikni and about 211 from Morwa. 184 plants were also transplanted from Wankdi bridge nursery. The season was very unfavourable and many trees died soon after transplantation.

Names.	Plants left in balance on 31st March 1900 after transplantation.	Annual cost of maintenance.
		Rs.
Godhra-Shera Road—		
Khandia	603	70
Chikni	588	70
Orwada-Sunth Road, Morwa.	558	36
Limkheda-Jhálod Road, Provincial portion—		
Wankdi Bridge	100	25

No nurseries are maintained for Local Fund roads, seeds being sown direct or cuttings planted.

The trees on the Local Fund roads in the Panch Mahâls are in the charge of the Civil Department. The following statement shows the state of trees on each at the end of the year :—

Names of Roads.	Opening balance.	*Add*— Trees, the circumference of which has become 20" and more at 4 feet from the ground during the year.	Total receipt.	Died or sold during the year 1899-1900.	Closing balance.	Remarks.
1	2	3	4	5	6	7
Provincial.						
Road from Kapadvanj to Bibipura, including Ladwell Branch ...	2,642	27	2,669	485	2,184	
Road from Limkheda to Jhâlod (Provincial portion) ...	1,442	263	1,705	318	1,387	
Road from Godhra to Shera ...	215	...	215	1	214	
Road from Orwada *vid* Morwa to Sunth Frontier... ...	337	...	337	...	337	
Incorporated Local.						
Road from Kaira to Mehmadabad.	2,410	65	2,475	117	2,358	
Do. to Sâbarmati river ...	3,365	97	3,462	27	3,435	
Road from Nadiâd to Wâsna ...	4,459	663	5,122	106	5,016	
Do. Bârejri Railway Station to Nâika	3,734	554	4,288	60	4,228	
Do. Nadiâd to Kapadvanj	6,046	359	6,405	126	6,279	
Do. Dâkor do. ...	3,195	141	3,336	238	3,098	
Do. Pâli to Bâlâsinor ...	1,524	304	1,828	372	1,456	
Do. Wâsad to Borsad ...	2,353	...	2,353	14	2,339	
Do. Petlâd to Cambay (British portion) ...	383	...	383	5	378	
Do. Pâli to Hunghadi ...	258	9	267	30	237	

190. **Ahmedabad District.**—No new road-side trees were planted during the year for want of rain, but arrangements were made for preserving the existing trees on the following roads :—

Modâsa-Bibipura road.
Harsol-Dhansura road.
Talod-Harsol road.

Eighty new trees were planted on the extra municipal roads and the road from the foot of the overbridge approach near Kâlupur Gate to Camp Ahmedabad.

191. **Poona District.**—The road-side trees along the Provincial roads in this district were maintained at a total expenditure of Rs. 2,206, as shewn in the following table :—

		Rs.
1.	Bombay Mail Road	698
2.	Poona-Sholâpur Road	129
3.	Civil Road within the limits of Suburban Municipality.	504
4.	Do. do. City Municipality ...	80
5.	Do. not included in any of the Cantonment or Municipal areas	470
6.	Poona to Shirwal (New Sâtâra Road)	85
7.	Poona-Nâsik Road	99
8.	Poona-Nagar Road	141
	Total ...	2,206

192. **Shola'pur District.**—The road-side trees were preserved and maintained throughout the year at a cost of Rs. 826.

193. **Ahmednagar District.**—The trees on the Provincial roads in this district were maintained at a total outlay of Rs. 461.

194. **Na'sik District.**—The following statement shows the number of trees planted and preserved along the sides of the roads in the Násik District :—

No.	Roads.	Number of trees planted.		Number of trees preserved.		Trees fallen down and sold by public auction.		Remarks.
		No.	Cost.	No.	Cost.	No.	Cost.	
	PROVINCIAL.		Rs.		Rs.		Rs.	
	Arboriculture.							
1	Málegaon-Manmád Road ...	134	72	396	187	...	...	
2	Manmád-Kopargaon Road ...	156	63	162	37	43	10	
3	Bombay-Agra Road	464	216	7,505	558	219	58	
4	Nándgaon-Aurangabad Road ...	60	37	15	32	...	...	
5	Násik-Poona Road	...	...	50	40	10	19	
6	Násik-Balsád Road	...	...	1,120	103	2	1	
7	Ghoti-Shirghat Road	...	...	100	38	...	...	
	LOCAL.							
	Arboriculture.							
	Roads in and about Násik :							
8	Násik-Trimbak Road	348	55	1,112	145	...	...	
9	Násik-Dindori Kalvan Road ...	88	76	25 miles	323	Sale of fruits.	32	
10	Khándesh-Nizám's Frontier Road	80	46	8,330	211	23	23	
11	Násik-Waghera Road	25	7	960	142	3	3	
12	Satána-Málegaon Road	46	19	76	29	1	1	

195. **Kha'ndesh District.**—Cuttings and young plants from nurseries were planted early in the rains and watered regularly when necessary. The result is that the number of living trees is 70·10 per cent. of those planted during the year, as shewn in the subjoined statement. The total expenditure incurred was Rs. 1,346 against the estimate of Rs. 1,422.

Name of Road.	Trees and cuttings, planted and watered.	Died.	Survived.
Bombay-Agra Road	*255	146	109
Dhulia-Surat Road	75	26	49
Dhulia-Chálisgaon Road	319	22	297
Roads connecting Government buildings at Bhusával	.....	.....	.....
	649	194	455

* This includes 106 cuttings planted last year but watered in 1899-1900.

196. **Belgaum District.**—On the three lengths of the Nipáni-Mahálingpur road within Kolhápur State limits, four nurseries at different points, established in the previous year were maintained and the work was in progress. The total outlay to end of the year was Rs. 3,106 against the estimate of Rs. 5,751, the outlay during the year being Rs. 1,273.

On all Provincial roads in this district, trees have been maintained and looked after.

197. **Dha'rwa'r District.**—The total number of trees planted on the road-sides in this district was 974, of which 387 died and 587 survived.

The following table gives the details:—

Name of Road.	Trees planted.	Trees died.	Trees survived.
Poona-Bangalore Road	167	58	109
Kárwár-Bellary Road	243	27	216
Dhárwár-Goa Road	435	287	148
Hubli-Sholápur Road	22	.....	22
Dhárwár-Railway Station Road	57	6	51
Karur-Railway Station Road	50	9	41
Total ...	974	387	587

The outlay on planting and maintaining trees was Rs. 1,225.

198. **Ka'nara District.**—Road-side trees on Provincial roads in this district were maintained at a cost of Rs. 671.

199. **Ratna'giri and Kola'ba District.**—On the Provincial roads in the Ratnágiri and Kolába District, the number of trees planted was 1,549 as detailed below. Those already in existence were maintained at a total cost of Rs. 1,917:—

Name of Road.	Number of trees planted.
Ratnágiri.	
1. Hatkhambe-Poládpur Road	150
2. Road from Ratnágiri to the foot of A'mba Ghát ...	167
3. Road from Sakhárpe to Sangameshvar	100
4. Road from Páli to Kásarda	250
5. Vizia'durg-Phonda Road	50
6. Karád-Chiplun Road, section from Kumbhárli Ghát to Chiplún and Gawalkot	60
7. Harnai-Khed Road	23
8. Road from Ratnágiri to Mirya Bay ...	50
Total ...	850
Kolába.	
9. Alibág-Dharamtar Road	373
10. Dharamtar-Campoli Road	83
11. Ulva-Chowk Road	75
12. Thána-Panvel Road	32
13. Panvel-Jassai Road	26
14. Road from Mahapral to Bhor State boundary ...	80
Total ...	699
Total, Ratnágiri and Kolába District ...	1,549

200. **Sa'ta'ra District.**—The expenditure incurred on maintenance of road-side trees on six Provincial Roads was Rs. 1,252 and on fourteen Local Roads, Rs. 2,916.

The following are the roads on which trees were maintained:—

Provincial.

1. Karád-Chiplún Road.
2. Poona-Bangalore Road.
3. Surul-Mahábaleshvar Road.
4. Sátára-Mahábaleshvar Road.
5. Karád-Bijápur Road.
6. Sátára-Shendra Road.

Local.

1. Peth-Sángli Road.
2. Karád-Tásgaon Road.
3. Malhárpeth-Pandharpur Road.
4. Tásgaon-Ashta Road.
5. Sátára-Tásgaon Road.
6. Tásgaon-Pingli Road.
7. Sátára-Pandharpur Road.
8. Waduj-Pusegaon Road.
9. Pusesávli-Singnápur Road.
10. Wái-Wáthár Road.
11. Wái-Pachwad Road.
12. Old Poona Road.
13. Sátára-Parali Road.
14. Sátára-Padali Road.

Nurseries were kept up at Ashta, Vadúj and Sátára.

201. **Bijapur District.**—The total expenditure under this head on watering and fencing road-side trees was Rs. 604 and on maintaining a nursery Rs. 53.

The following are the roads on which trees were maintained :—

1. Belgaum-Bágalkot Road, section from Khájidoni to Bágalkot.
2. Bijápur-Miraj Road, section from Bijápur to Honvad.
3. Sholápur-Hubli Road, section from Takli on the river Bhima to Konur on the river Malprabha.

3.—MISCELLANEOUS PUBLIC IMPROVEMENTS.

202. The outlay under this head was Rs. 1,62,576, sub-divided as follows :—

				Rs.
Original Works	...	...	...	75,421
Repairs	...	...	...	40,482
Establishment	...	...	...	44,333
Tools and Plant	...	...	...	2,340
			Total...	Rs. 162,576

5.—WATER-SUPPLY.

203. **Thana District.**—The water-supply works at Murbád, described in previous reports, were in progress. The main pipe was laid almost throughout the town and water connections made to such houses as have agreed to pay the monthly rate fixed by the Collector. Water was actually given on 31st March 1900. The total expenditure amounted to Rs. 23,346 against the sanctioned estimate of Rs. 32,830, the expenditure during the year being Rs. 5,821.

204. The improvement of the water-supply at Mátherán, described last year, was in progress. The work in connection with the Charlotte lake is almost finished, and water was given from the taps and hydrants according to the improvement scheme. At Simpson's Tank, work was kept in abeyance until further experiments of puddle wall on the inside are made next season. The result of the puddle which was made this year is so far satisfactory. There was 13½ feet of water in the tank on 30th April 1900. It is intended to provide puddle on the inside along the entire length of the dam when it is expected most of the leakage will stop. The work was in progress; expenditure during the year amounted to Rs. 5,277 and the total expenditure to Rs. 6,585 against the sanctioned estimate of Rs. 9,109.

205. **Surat and Broach District.**—The Surat and Ránder water-supply works, described in previous reports, were in progress. The Municipality being in straitened circumstances were unable to supply the amounts required for the

completion of the works, hence they could not be completed during the year. At Rándér, about six miles of distribution service mains were laid, two service cisterns built, five stand-pipes and fifteen stand-posts were constructed. At Surat, 3 feet pipes about a mile and 2 feet pipes about 2 miles have been laid. Three service cisterns, 3 stand-pipes, one ornamental fountain and one post were constructed during the year. Some additional works at Surat were also sanctioned and the required materials were collected. Rs. 19,233 were expended during the year, while the total expenditure amounted to Rs. 9,59,031 against the sanctioned estimate of Rs. 9,60,234, exclusive of the additional works referred to above.

206. **Ahmedabad District.**—The retaining wall round the Phedra Tank (*Local*), described in last year's report, was completed at a total cost of Rs. 5,509 against the sanctioned estimate of Rs. 5,512, the expenditure during the year being Rs. 1,318.

207. The work of improving the water-supply at Dholera (*Local*) was in progress. It consists of (1) clearing nine inches of silt from the whole tank bed, whose area is 620,000 square feet; (2) constructing a masonry inlet; (3) providing a water trough outside the tank with moat arrangement for the use of cattle, and (4) a wire fence on the bank to prevent the ingress of cattle. Rs. 3,976 were spent during the year in clearing silt, further progress having been prevented by the setting in of the rains. The sanctioned estimate amounts to Rs. 8,208.

208. **Na'sik District.**—Improvements to the water-supply of Yeola. The state of the work at the close of March 1900 was the same as described in the previous year's report. The expenditure of Rs. 922 incurred during the year under report was on account of payment of liability of the previous year. The total outlay from commencement was Rs. 57,108 against the estimate of Rs. 1,27,921.

209. **Belgaum District.**—The following wells (local) were completed:—

Village.	Estimate.	Outlay.		Remarks.
		Total.	During year.	
	Rs.	Rs.	Rs.	
Siddápurwádi	3,638	3,606	233	Completed.
Jalikatti	2,689	2,571	75	Do.
Hire Uligeri...	2,772	2,893	219	Do.
Kolanhatti	3,090	3188	117	Do.

210. **Dha'rwa'r District.**—The Hubli water-works have been fully described in previous reports. The works were finally completed and accounts closed in 1895-96. During the year under report, a sum of Rs. 83 was expended on fees paid to the Chemical Analyser to Government of Bombay for water analyses. That officer reports, as below, on the two samples sent to, and tested by, him in May and November 1899:—

Samples from	Tested in May 1899.	Tested in November 1899.
Stand-post	Both are unfit for potable purposes.	Shows too high a figure for albuminoid ammonia to allow of its being regarded a satisfactory sample of potable water.
Unkal tank		Unfit for potable purposes.

211. The Savanur State having paid into the Government Treasury the amount of the estimate for repairs to the feed channel of Moti Taláo at Savanur, the work was commenced in 1897-98 and an expenditure on—

	Rs.
Works	... 5,400
Establishment	... 648
Tools and Plant	.. 81
	6,129

against the estimate of Rs. 5,905 was incurred up to the end of the year under report. The work was completed.

212. **Kolaba District.**—The water-works at Panvel, described in previous reports, were practically completed in 1895-96. During the year under report, sundry items, such as erecting fire hydrants, fixing a sluice valve at Head works, and new masonary stand-posts were carried out, and the work completed at a total cost of Rs. 1,00,527 against the estimate of Rs. 1,10,831, and handed over to the Municipality of Panvel.

213. **Bijapur District.**—The wells at Bevinmatti, Koner and Hulgeri were in progress, the outlay to end of the year being Rs. 2,214, 222 and 1,219 against the estimates of Rs. 2,528, 2,607 and 2,658, respectively. The well at Mamdápur, in progress last year, was completed at a total cost of Rs. 3,004 against the estimate of Rs. 3,016.

6.—Sewage and Drainage.

214. **Presidency District.**—Roads and Drains on the Esplanade, Bombay. Plots 67 and 66-A having been sold to the Freemason's Hall and the Elphinstone Cricket Club, respectively, it was found necessary to construct the following roads:—

(1) Extending from Murzban and Waudby Roads to Hornby Road.

(2) From Murzban Road to Hornby Road along Plots Nos. 36 and 41 and

(3) In front of Plots 44 and 45.

215. All the vacant lands adjacent to the above plots having subsequently been vested in the City of Bombay Improvement Trust and on the Board consenting to repay to Government their share of the cost on raising their first loan, plans and estimates for the works were sanctioned and an allotment granted in September 1899. The roads in connection with items (1) and (2) above were in progress; they were made 40′ feet wide with 10′ foot-paths on both the sides and were formed of earth thoroughly consolidated and then stone packing laid on. They were bounded by curbstones.

Storm Water Drain.

216. To carry away rain water from the roads, a storm water drain 1′ 6″ wide was laid and connected with the municipal manhole on the Hornby Road.

Glazed stoneware pipe 6″ in diameter with masonry catch pits was provided under foot-path to carry off the water collecting on the surrounding ground. The work was in progress, the expenditure during the year being Rs. 11,564 against the sanctioned estimate of Rs. 35,242.

217. **Ahmedabad District.**—The work of carrying out the drainage of low-lying lands on the west of Dholka. Rs. 728 were spent during the year (out of Rs. 3,524, contributed by the Dholka Municipality) in excavating a channel near the town when further progress had to be stopped. The work consists of deepening and widening the existing channel and constructing a new channel with a regulator. The sanctioned estimate amounts to Rs. 6,060.

218. **Bijapur District.**—The drainage of the Arkilla moat at Bijápur was finally completed at a total cost of Rs. 4,143 against the revised estimate of Rs. 4,422, the outlay during the year being Rs. 8.

10.—MISCELLANEOUS.

219. **Presidency District.**—Improvements to the Oval, in front of the Secretariat, Bombay, on its being thrown open to the public for recreation,

consisted of removing the inner railing entirely and filling in the surface with fresh earth and consolidating it by rolling. A drainage channel was cut along the outer railing on the east side as well as along the inner side of west railing to make the storm water find its way to the Government drain passing to the Kennedy sea-face. The work was in progress, the expenditure during the year being Rs. 2,168 against the sanctioned estimate of Rs. 4,949.

220. **Kaira District.**—The work of constructing an earthen bund round the village of Bidaj in the Mehmadabad Táluka, described in last year's report, was completed at a total cost of Rs. 2,828 against the sanctioned estimate of Rs. 2,997, the expenditure during the year being Rs. 1,766.

221. **Bija'pur District.**—The supplementary programme for clearance of prickly-pear by convicts, described in previous reports, having been transferred in December 1893 to the Jail Department, the work was carried out by that Department, but the charges incurred on account of supervision of work, &c., were debited to this Department. Rs. 1,338 were expended during the year on account of establishment and other charges. The total outlay to end of the year was Rs. 2,27,287 against the estimate of Rs. 2,57,873.

222. **Kola'ba District.**—The extension of the Bandar at Karanja, commenced in the previous year, was completed at a total cost of Rs. 6,582 against the estimate of Rs. 6,685, the outlay during the year being Rs. 4,020.

(33).—FAMINE RELIEF WORKS IN CHARGE OF THE PUBLIC WORKS DEPARTMENT.

223. Owing to failure of rain during the year 1899-1900 in the Northern and Central Divisions and part of Southern Division, it was found necessary to open several test works in the first instance, in order to give employment to people of the districts affected by famine. The number of labourers having however increased to a high figure, the test works were converted into regular relief works. The works principally consisted of improvement to, and construction of, roads; breaking and stacking metal for repairs to roads for several years; collection of ballast for the use of Railways; and improvements to, and construction of, irrigation and water-supply tanks. The relief works, which were managed in accordance with the Famine Code, are embodied in the report. All officers of this Department connected with Famine relief operations cordially co-operated with those of other departments to meet the requirements of the situation which entailed exceptionally hard work on all.

224. The total outlay under this head was 58 lákhs of rupees on works; nearly 27 lákhs on repairs, nearly 1 lákh on establishment, 7¼ lákhs on tools and plant, about ½ a lákh on suspense, and 3½ lákhs on gratuitous relief, as detailed below :—

	Works.	Repairs.	
	Rs.	Rs.	Rs.
Irrigation Works	19,74,873 +	3,11,787	22,86,660
Military Works	72,974 +	685	73,659
Railway Works	...	...	1,75,525
Civil Works—			
Provincial—			
Communications ...	Original Works	... ...	6,25,516
	Repairs ...	....	13,49,611
Miscellaneous Public Improvements ...	Original Works	... ...	2,06,043
Local—			
Communications ...	Original Works	... ...	21,76,102
	Repairs ...	... ...	2,82,865
Miscellaneous Public Improvements ...	Original Works	... ...	5,79,265
	Repairs ...	... ...	7,68,100
Establishment		... ...	96,368
Tools and Plant		... ...	7,38,582
Suspense		... ...	40,848
Gratuitous Relief		... ...	3,47,051
		Total ...	97,46,195

The following is a summary of the works carried out under the supervision of the officers of the Public Works Department :—

II.—COMMUNICATIONS.

I.—METALLED ROADS.

A.—Bridged and drained throughout.

225. **Kaira and Panch Maha'ls District.**—Metalling the Godhra-Sunth Road (20 miles in length). Metal required for the whole length was broken and earth bedding for a length of 12 miles was completed. The expenditure was Rs. 34,507 during the year against the sanctioned estimate of Rs. 58,492.

226. **Ahmedabad District.**—Providing 10 years' metal supply for Modássa roads (37 miles in length).—This work was commenced on 23rd October 1899 and closed on 1st March 1900. The total quantity of metal broken was 1,383,866 cubic feet and the total expenditure Rs. 68,683 against the estimate of Rs. 64,339. A revised estimate is under preparation.

227. **Poona District.**—The work of collecting metal for 10 years' repairs was started on the Bombay-Poona Mail Road as a test work, in October, and was converted in February into a regular relief work with hospital, kitchens, &c. The number of relief workers on the 31st March was 8,510 and the highest number on the preceding day was 8,901. The expenditure during the year was Rs. 26,601 against the estimate of Rs. 64,692.

228. **Ahmednagar District.**—The improvements to the Ahmednagar-Poona Road, section from Ahmednagar to the Ghod River, consist of making a deviation of about ¾ths mile in length in the 11th mile of the road from Nagar, where the gradients of the existing road are very steep, and in easing gradients in two other places by means of embankments. The maximum number of relief workers was 931 on the 22nd March. The expenditure during the year was Rs. 1,025 against the estimate of Rs. 22,348.

229. The work of collecting and breaking metal on the Ahmednagar-Poona Road, section from Ahmednagar to the Ghod River, was started as a Famine relief work. The maximum number of workers was 6,708 on the 3rd March, distributed in two camps (Chas and Palva). Metal was also broken at Narayan Gavhan. The outlay during the year was Rs. 47,525 against the estimate of Rs. 2,00,155.

23. **Sa'ta'ra District.**—The collection of metal on Poona-Bangalore Road (miles 81 and 82) was commenced as a test work on 11th January 1900. By the end of January 1900 the number rose to about 4,100. On 24th February it fell to 217. The work was closed on 25th February 1900. The people who desired further employment were drafted to the Tarla-Targaon Road. The expenditure during the year amounted to Rs. 5,550 against the estimate of Rs. 2,60,493.

231. **Shola'pur District.**—Improvements were carried out to the Poona-Hyderabad Road, Section I, and Section II, at a cost of Rs. 1,98,579.

232. **Na'sik District.**—Metal was stored for the Khándesh Nizám's Frontier Road and the Bombay-Agra Road, improvements were carried out to the Nándgaon-Málegaon Road, and the Sinnar-Wavi Road was constructed, the total expenditure being Rs. 4,50,217.

233. **Kha'ndesh District.**—Metal was collected for the Bombay-Agra Road, the Amalner-Parola Road, the Dhulia-Parola Road, the Dhulia-Chálisgaon Road, the Dhulia-Amalner Road, the Kajgaon-Parola Road, the Tápti-Valley Railway, the G. I. P. Railway, Hirápur and Wadáli, the Edlabad-Bodvad Road, the Mhasvad-Nira Road, the Parola-Mhasvad Road, the Jalgaon-Dharangaon Road and the Dharangaon-Erandol Road. The total expenditure was Rs. 14,03,009. The Shirpur-Chopda Road, 1st Section, the road from Parola to Dharangaon, the metalled road from Bodvad to Jamti, the metalled road from Bhusával to Jamner, the Bodvad-Jamner Road, 1st Section, from Bodvad to Maldabadi, the Yaval-Ráver Road, and a metalled road from Erandol to Paldhi were constructed at a total cost of Rs. 4,98,362. The cost of ballast collection for the G. I. P. Railway, Chikli Nála, and the Amalner-Tápti Road was Rs. 40,937. The Mhasvad-Nira Road was improved at an expenditure of Rs. 22,416.

B.—Partially Bridged and Drained.

234. **Kaira and Panch Mahals District.**—Road from Dohad to Limdi (*Provincial*), 14 miles in length. The greater portion of the earthwork, and also collection of metal required for 10 miles, were completed during the year at a cost of Rs. 69,114 against the sanctioned estimate of Rs. 58,271. A revised estimate is under preparation.

235. Metalling the Ladwell Branch of the Kapadvanj-Bibipura Road, about 10 miles in length (*Provincial*). Earthwork for 7 miles and collection of metal for 2 miles were completed. Rs. 22,398 were spent during the year against the sanctioned estimate of Rs. 27,831.

236. Road from Dohad towards Ali Rajpur, 15 miles in length (*Local*). Rs. 31,635 has been spent during the year in collecting metal and in earthwork.

237. Road from Mehmedabad to Mahuda, 11¾ miles long (*Local*). The earthwork of the whole length was completed during the year at a cost of Rs. 27,743 against the sanctioned estimate of Rs. 50,130.

238. Road from Dákor to Alina (*Local*). This road is about 16 miles in length and is a continuation of the Mehmadabad-Mahuda Road. The whole of the earthwork was completed, the expenditure during the year being Rs. 39,050.

239. Road from Agas to Borsad, 6 miles long (*Local*). The greater portion of the earthwork was done during the year at a cost of Rs. 19,856.

240. Road from Hálol towards Jambughoda (*Local*) (British portion 12 miles long). The earthwork and collection of metal required for the whole road were completed during the year at a cost of Rs. 33,226.

241. Metalling the road from Kálol to Hálol, 7½ miles long (*Local*). This work was started in March but suspended and reserved for the rains. Rs. 5,307 were spent in collecting metal for about 2 miles and doing the earthwork for a mile against a sanctioned estimate of Rs. 26,145.

242. Collecting 10 years' supply of metal at Pali quarry for repairs to Local Fund roads in Kaira District. About 408,000 cubic feet metal were broken up at Pali quarry at a cost of Rs. 69,138 during the year against the sanctioned estimate of Rs. 82,761. This metal will be useful for roads in Kaira and Ahmedabad Districts.

243. **Poona District.**—The work of collecting metal on the Poona-Ahmednagar Road for 10 years' repairs, commenced first as a test work in October, was subsequently converted in January 1900 into a regular relief work, with kitchen and hospitals. The quantity of metal collected is in excess of requirements as other works are not available owing to deficient water-supply. There were about 14,820 relief workers on the 31st March 1900 and the highest number, *viz.*, 14,999, was on the preceding day. The amount of the estimate is Rs. 30,343, and expenditure during the year under report, Rs. 58,570.

244. Collection of metal for 10 years' repairs and for the first metalling of the unmetalled portions of Poona-Sholápur Road, started as a test work in October, was converted on the 1st January 1900 into a regular relief work with kitchens, hospitals, &c. The number of relief workers on the 31st March 1900 was 10,141. The highest number on the 7th March was 11,571. The expenditure during the year was Rs. 97,913 against an estimate of Rs. 1,30,426.

245. The collection of metal for ten years' repairs was started on Poona-Násik Road as a test work in October, and on January 1st, 1900, converted into a regular relief work with kitchens and hospitals, &c. The number of relief workers on 31st March 1900 was 5,507. The highest number on the 24th March 1900 was 7,941. The amount of the estimate was Rs. 82,494, from which Rs. 53,693 were expended during the year under report.

246. **Ahmednagar District.**—The collection and breaking of metal for the Nagar-Paithan Road was undertaken for purposes of Famine relief. The maximum number of workers was 29,888 on the 16th February 1900, dis-

tributed in five camps, *viz.*, Shevgaon, Samangaon, Maka, Pangarmal and Warulwadi. The amount of the estimate is Rs. 2,79,000, from which Rs. 2,08,338 were spent during the year under report.

247. Collecting and breaking metal for Imámpur Ghát to Toka Road was started as a famine relief work. The maximum number of workers was 13,516 on the 28th February 1900, distributed in 2 camps, *viz.*, Ghodegaon and Kangoni. The expenditure during the year was Rs. 57,780 against the estimate of Rs. 1,72,157.

248. **Kha'ndesh Irrigation District.**—A sum of Rs 38,065 was expended on the Songir-Nandurbár Road, the Ghorda-Chinchpada Road, the Dhulia-Surat Road, the Nandurbár-Taloda Road and the Dhondaicha Shaháda Road, which were undertaken as Famine Relief Works.

249. **Shola'pur District.**—Metal was collected on the Kuslamb-Yermala and the Pandharpur-Sátára Roads at a cost of Rs. 43,954. Metal was also collected on the Bársi-Yedsi-Tadwála Road at a cost of Rs. 25,595.

250. The authorities of the G. I. P. Railway agreed in March 1900 to take stacks of broken stone ballast prepared by famine labour at depôts selected by them. The following depôts were selected for work in this district :—

(*a*) At mileage 203, near Washimbe Railway Station.

(*b*) At mileage 215¼, about 2½ miles from Jeur Railway Station towards Kem.

(*c*) At mileage 235, about 1 mile from Bársi Road Station towards Madha.

(*d*) At mileage 255, about 2 miles from Angur Railway Station.

(*e*) At mileage 275½, about 2½ miles from Pakni Railway Station towards Sholápur.

(*f*) At mileage 305, near Karabgaon Railway Station.

Of the above, work was started during the year on depôts (*b*), (*c*) and (*e*). Boulders and rubble are being collected from fields or are being quarried. They are then broken into chips, and the chips further broken into ballast half of which is to be capable of passing through a 1¾ inch ring and half, through 2¼ inch ring. The broken stone ballast was taken by famine labour to the Railway line and stacked in regular heaps at sites selected either inside the railway fence, or outside it in B class lands. Where the load was great, hand carts worked by famine coolies were also employed in taking ballast to the Railway line. The quantities of ballast collected during the year on the Hiraj and Loha Depôts were 9,971 cubic feet and 6,552 cubic feet, respectively.

251. Collecting and breaking metal for the Násik-Poona Road was started as a famine relief work. The maximum number of relief workers was 5,007 at the Chandanpuri camp near Sangamner. The outlay during the year was Rs. 29,093 against the estimate of Rs. 1,96,716.

252. Collecting and breaking metal for Málegaon Road, 2nd Section, was started as a famine relief work. The maximum number of relief workers on this work was 18,484 on the 8th March, distributed in 6 camps, *viz.*, Yesgaon, Pimpalkhan, Gardanala, Savalvihir, Dahigaon and Bableshvar. The total outlay during the year was Rs. 1,25,459 against the estimate of Rs. 74,125. A revised estimate is under preparation.

253. Collecting and breaking metal for the Nagar-Shevgaon Road was started as a famine relief work. The maximum number of workers was 13,477 on the 30th March 1900, distributed in 2 camps, *viz.*, Kalegaon and Jambul Odha. The amount of the estimate is Rs. 90,561, of which Rs. 36,205 were spent during the year under report.

2.—UNMETALLED ROADS.

A.—Bridged and Drained throughout.

254. **Broach District.**—The A'mod-Pálej Road (in British limits) in the A'mod Táluka, 15 miles and 1,173 feet long. The earthwork was completed, the

bank being 20 feet wide at top with slopes of 1½ to 1. The embankment being of black soil, a layer of 9″ yellow soil was spread on top. All nála crossings were sloped down to easy gradients as a temporary measure. A complete project for bridging work is ready, and the culverts and bridges will have to be constructed by the Local Board as funds permit. The portion of the road in Gáikwádi limits (about 1¾ miles) was lined out and will be completed by the Darbár. The work was commenced on 12th October and completed on 25th November 1899 at a total cost of Rs. 28,449 against a sanctioned estimate of Rs. 34,892.

B.—Partially Bridged and Drained.

255. **Thana District.**—The Wangaon-Chinchni Road is to connect the important commercial town of Chinchni with the Railway Station of Wangaon on the B. B. & C. I. Railway, and is 6 miles long. It was opened as a local test work on the 7th December 1899, and was turned into a regular relief work from 8th March 1900. The Local Board had allotted a sum of Rs. 6,500, and when this amount was spent the charges fell on "33, Famine Relief." The total expenditure till the end of March 1900 was Rs. 15,707 against the sanctioned estimate of Rs. 29,257.

256. The Sanján-Nargol Road connects the towns of Khatalwada and Nargol with the B. B. & C. I. Railway Station of Sanjan and is 8 miles in length, including a branch to Saronda. It was opened as a local test work on 7th December 1899, and was turned into a regular relief work from 7th March 1900. The Local Board had allotted a sum of Rs. 8,000, and when this amount was all spent, cost was met from Famine Relief. The total expenditure to the end of March 1900 was Rs. 18,221 against the sanctioned estimate of Rs. 38,948.

257. **Poona District.**—Improvements to the road from Indápur to Bárámati. The road from Indápur to Bárámati in the Poona District connects the town of Indápur with the Táluka Head-quarters town of Bárámati. It runs through a fertile country, watered by the Nira Canal. It is 31½ miles in length and is to be improved by providing embankments where necessary, easing steep gradients and providing road dams for nála crossings. It will be a third class road, partly muramed and partly metalled and with a clear width of 20 feet. The improvement was opened on the 1st February 1900 as a regular relief work with kitchen and hospital. The number of relief workers on March 31st was 5,878 and the highest number on the 13th idem was 7,270. The amount of the estimate is (approximate) Rs. 1,43,160, of which Rs. 27,447 were spent during the year under report.

258. The road from Bhimáshankar to Dimbhe Khurd in the Poona District is one of those of which the construction was proposed for the purpose of prevention of crime in the western tálukas. It is 21¼ miles in length and connects Bhimáshankar, a place of pilgrimage on the edge of the ghats, with the Manchor-Ambegaon Roads at Dimbhe Khurd. It runs through hilly country and chiefly through forest. It is to be constructed as a second class road, with a clear width of 18 feet, murumed and bridged and drained. It was opened as a regular relief work on the 12th March 1900 in order to provide relief for the Kolis and other hill tribes. The highest number of relief workers on March 31st was 4,000. The outlay incurred during the year was Rs. 1,834 against the estimate of Rs. 1,34,798.

259. **Ahmednagar District.**—Rs. 36,054 were spent on collecting and breaking metal for the Nevása-Belápur Road started as a famine relief work, the estimate for which is under preparation. The maximum number of workers was 9,528 on the 2nd March 1900, distributed in two camps, *viz.*, Taklibhan and Belpimpalgaon.

260. The work of collecting and breaking metal for the Jámkhed-Maho Ghát Road was started as a Famine relief work. The outlay incurred during the year was Rs. 31,835 against the estimate of Rs. 56,452. The maximum number of workers was 6,064 on the 22nd March 1900. The camp was near Jámkhed.

261. Collecting and breaking metal for the Loni-Belápur Road was undertaken as a famine relief work. The amount of the estimate is Rs. 66,029.

of which Rs. 26,281 were spent during the year under report; the camps were at Loni and Rájuri on this road, and the highest numbers reached were 5,549 on the 12th February.

262. Collecting and breaking metal on the Nevása-Shevgaon Road was started as a famine relief work. The outlay during the year was Rs. 70,970. The estimate for the work is under preparation. The maximum number of workers was 5,597 on the 1st March 1900, distributed in two camps, *viz.*, Deosada and Shevgaon.

263. Collecting and breaking metal for the Khospuri-Ismálpur Road was started as a famine relief work. The amount of the estimate is Rs. 66,659, of which Rs. 5,928 were spent during the year under report. The maximum number of workers was 8,958 on the 30th March 1900. The camp was at Gunjala.

264. **Belgaum District.**—Constructing a road from Shedbal to Athni.—The road was commenced as a famine relief work on 1st February 1900, on the piece-work system, with 286 relief workers. The number steadily increased to 1,010 on the 31st March 1900. The work is in progress. The outlay during the year was Rs. 6,369.

265. **Sa'ta'ra District.**—Improving the Sátára-Pandharpur Road.—Owing to the scarcity of rain in the Mán Táluka and unfavourable reports on the condition of the people, this work was opened as a relief work. It was opened as a test work on 5th October 1899, but as people flocked to it in large numbers, it was converted into a relief work on the 23rd December 1899; by the end of March 1900 the number on the work was 3,354. A kitchen for children and dependants was established on the 1st January 1900. The outlay incurred during the year was Rs. 17,040.

266. Improving Sátára-Tásgaon Road.—A test work was opened on the road on 10th December 1899. It was afterwards converted into a regular relief work on 24th February 1900, as people collected there in large numbers. By the end of January the number increased to 3,792. On 28th February it increased to 5,340, and on 24th March 1900 it increased to 6,233. By the end of March it fell to 4,700. A kitchen for children and dependants was established on 11th February 1900. The outlay during the year was Rs. 19,320.

267. **Shola'pur District.**—Improvements were carried out to the Pandharpur-Karad, Sholápur-Tuljápur, Karmála-Jategaon, Karmála-Aljápur, Temburni-Kem, Sholápur-Sángola and Temburni-Málsiras Roads, at a cost of Rs. 1,32,718.

3.—ROADS BANKED AND SURFACED WITH MURAM OR SIMILAR MATERIAL BUT NOT DRAINED.

268. **Ahmednagar District.**—The Visápur feeder road was started as a famine relief work. The estimate is under preparation. The road will be about 18 miles in length and is intended to run past the Visápur Railway Station on the Dhond and Manmád Line and connect the Nagar-Dhond Road near Kolgaon with the Nagar-Sirur Road between Vaghunda and Palva. The work was opened on the 12th March, and there were 3,131 workers at the camps of Suregaon and Baburdi on the 30th March. The expenditure during the year was Rs. 3,888, the estimate being under preparation.

269. The road from Mahi-Jalgaon to Sholápur frontier was started for relief purposes. The maximum number of workers was 11,760 on the 29th March 1900, distributed in two camps, *viz.*, Pategaon and Nimbigaon Daku. This forms a part of the through road from Ahmednagar to Karmála in the Sholápur District. The outlay incurred during the year was Rs. 33,882 against the estimate of Rs. 70,288.

270. Collecting and breaking metal on the Kharda-Shrigonda Road (*Incorporated Local*) was undertaken as a famine relief work. The amount of the estimate is Rs. 2,44,204, of which Rs. 50,529 were expended during the year under report. The maximum number of workers was 10,187 on the 1st March 1900, distributed in two camps, *viz.*, Shrigonda and Chincholi.

271. Rs. 10,109 were spent on collecting and breaking metal for the Karjat-Chincholi Road against the estimate of Rs. 34,783. The maximum number of workers was 6,641 on the 11th March 1900. The camp was at Chincholi.

272. The Survey of the Visápur Feeder Road was completed. The outlay incurred during the year was Rs. 478 and the amount of sanctioned estimate Rs. 603. This road has been started for famine relief purposes. It will connect the Nagar-Dhond Road with the Nagar-Sirur Road and passes by the Visápur Railway Station. Its length will be about 18 miles.

273. **Sa'ta'ra District**—Improving the Tásgaon-Pingli Road.—A test work was opened on this road on 18th September 1899. The numbers on the work steadily increased, and the daily average exceeded 2,000 by the end of December 1889. The work was, therefore, converted into a famine relief work on the 11th January 1900. By the end of Januray 1900 the number of labourers on the work increased to about 5,300. On 31st March 1900 the number fell to 1,114 on account of the introduction of the piece-work system on the work. A kitchen for children and dependants was established on 14th January 1900. The outlay during the year was Rs. 17,012.

274. Improving the Pusesávli-Shingnápur Road.—A test work was opened on this road on 18th December 1899. As the numbers increased to 4,920 on 31st January 1900 the work was converted into a famine relief work on 19th February 1900. On 31st March 1900 the number on this work increased to 7,387. A kitchen was established on 1st January 1900 for children and dependants. The outlay during the year was Rs. 45,695.

275. Costructing the Tarla-Tárgaon Road.—This work was opened on 18th February 1900 as a famine relief work for drafting the people at Atit employed on Poona-Bangalore Road on breaking metal, as the money spent on breaking metal here was thought a waste of money, there being already plenty of metal in the neighbourhood remaining over from the famine of 1896-97. On 31st March 1900 the number rose to 1,367. A kitchen was established for children and dependants on 25th February 1900. The outlay during the year was Rs. 4,534. The road is a feeder to the Southern Marátha Railway.

276. Constructing the Takári-Islámpur Road —A relief work was opened on this road on 19th March 1900. On 31st March 1900 the number of labourers was 724. The expenditure during the year was Rs. 150. The road is a feeder to the Southern Marátha Railway. The greater part of the earth-work of this road was completed in 1897-98 and the collection of metal was done during the year under report. The total outlay was Rs. 55,699 against the estimate of Rs. 79,633.

5.—ROADS CLEARED, PARTIALLY BRIDGED AND DRAINED.

277. **Bija'pur District**—Completing Bádámi-Mudkavi Road.—The construction of the road was commenced during the famine of 1896-97 as a famine relief work. During the year under report the work of completing the road was first taken up by the Local Board as a test work and was subsequently transferred to this Department from 10th January 1900. It was continued as a test work till 19th February 1900, when it was converted into a famine relief work. The total outlay was Rs. 5,266 against the estimate of Rs. 1,21,272.

6.—ROADS CLEARED ONLY.

278. **Ahmednagar District**—The improvement to the Thugaon-Kotul Road consisted of the supply of hard and soft muram, excavating catch-water drains, constructing dry stone retaining walls, cutting in muram, and the excavation of side gutters. The work was stopped at the commencement of the famine. The outlay incurred during the year was Rs. 926 against the estimate of Rs. 1,927.

279. **Bija'pur District**—The following roads were opened as Famine Relief Works under the special Executive Engineer for famine relief operations. The details of the expenditure on each road are as under:—

	Estimate.	Expenditure.
	Rs.	Rs.
1. Improving Horti-Nimbal Road	31,416	22,927
2. Nimbal-Tadvalga Road ... ,,,	26,868	7,158

STATE RAILWAYS.

280. **Kaira and Panch Maha'ls District.**—Constructing the Godhra-Baroda Chord Railway.—The total length of this line is 45 miles, of which 20 miles are in British territory. The earth-work for about 10 miles has been completed at a total cost of Rs. 33,700.

281. **Ahmedabad District.**—Sábarmati-Ahmedabad-Dholka Railway Earth-work.—The earth-work of this metre-gauge railway, which is 33½ miles in length, was commenced as a relief work on 30th November 1899, and was in progress during the year, the expenditure being Rs. 45,787 against the approximate normal estimate of Rs. 88,000. The total quantity of earth-work done during the year was about 3,622,509 cubic feet and the cost Re. 1-0-1 per 100 cubic feet, or 1¾ times the normal rate.

282. **Shola'pur District.**—The Bársi-Tadwála Railway was extended towards Latur. The extension line was surveyed and marked out on the ground by the Agent, Bársi Light Railway Company, who also furnished plans and sections of the line. The earth-work of the line is being carried out by famine labour according to plans and sections furnished. The total length of the line is a little over 26 miles. It starts from the existing Bársi Town Station and passes to the right of the metalled road from Bársi to Tadwála up to the British Frontier in Latur direction. The embankments are 10 feet in top width, with sides of from 1½ to 1 to 2 to 1. The cuttings are 14 feet in bed width, with side slopes varying with the nature of the material cut through. Generally the cuttings are in hard muram and boulders. In such materials, the sides are almost vertical. In acquiring land for the Railway, berms of 20 feet and 32 feet have been kept at the sides, the increased berm on one side being for doubling the line, should such doubling be found to be necessary in future. The ruling gradient of the line is 1 in 100, except in the ghát portion where the grade has been reduced to 1 in 50. The first portions of the line have been approved by the Government of India, and the end portion has gone up for their approval. The quantities of work done up to 31st March 1900 were as follows :—

944,151 Cubic feet of excavation in earth muram and boulders.

5,878,898 Cubic feet of embankment.

SURVEYS.

283. **Kha'ndesh District.**—Surveys for the following roads were made with a view to give employment to famine labourers :—

No.	Name of Road.	Length in miles.	Expenditure during the year.	Remarks stating whether plans and estimates have been prepared.
1	Bhusával-Jámner Road ...	17	1,002	Plans and estimate submitted.
2	Bodwad-Jamti Road ...	5	237	Do.
3	Bodwad-Jámner Road ...	18	86	Do.
4	Yawal-Raver Road ...	25	1,501	Do.
5	Kondaibarichi-Chopada Road ...	12	692	Do.
6	Dhurangaon-Parola Road ...	14	838	Project is under preparation.
7	Erandal-Paldhi Road ...	11	519	Do.
8	Edalabad-Warangaon Road ...	11	1-0-0	Project to be prepared.
9	Yawal to Chopda Road ...	27	53	Do.
10	Mhasawad-Neri Road ...	14	40	Plans and estimate sanctioned.

284. **Bija'pur District.**—Surveys for the following roads selected as suitable for Famine Relief Works were made, and projects were nearly completed for all of them. The expenditure incurred on each of the surveys is noted against each :—

	Estimate.	Expenditure.
	Rs.	Rs.
1. Lachan-Manur Road, 7 miles	169	59
2. Tidgundi-Tamba Road *vid* Minchnal and Hathargi, 15 miles	313	260
3. Nimbal-Tadvalga Road, 4 miles	88	36
4. Sholápur-Bellary Road (2nd section from Devar Hippargi to Huvin-Hippargi), 17½ miles ...	395	394
5. Bádámi-Kumatgi Road *vid* Guledgudd, 17½ miles	395	350
6. Road from Konur to Bilgi *vid* Galgali, 18 miles..	348	243
7. Do. Bádámi to Kerur, 11 miles ...	245	232
8. Do. do. Patalkal	256	198
9. Do. from Mulwad Railway Station to Mamdápur, 12 miles	250	249
10. Sholápur-Bellary Road, 4th section, portion from Muddebihál to the Krishna ...	242	206
Total ...	2,731	2,227

3.—MISCELLANEOUS PUBLIC IMPROVEMENTS.

5.—WATER-SUPPLY.

285. **Tha'na District.**—Improving the tank at Váda.—The work was started as an ordinary Local Fund work, but at famine rates from 29th February 1900 and was in progress. The expenditure during the year amounted to Rs. 1,592 against the sanctioned estimate of Rs. 11,136.

286. Improving the water-supply at Thana.—Government having decided to send the "Káthiáwádi immigrants" from Bombay to Thána, a camp was ordered to be erected on the Pokhran Tank. The expenditure incurred during the year on the erection of a kitchen and huts for the poor-house was Rs. 495 against the sanctioned estimate of Rs. 30,674.

287. **Surat and Broach District.**—Surbhon Tank.—This old tank, about 21 acres in area, was excavated to an average depth of 8 feet and extended by about 8 acres. The work was commenced on 9th November 1899 and completed on 30th March 1900, at a total cost of Rs. 87,215, against the sanctioned estimate of Rs. 1,02,030.

288. The Broach Reservoir.—The question of water-supply for the town of Broach has been under consideration for a long time, and several schemes were suggested only to be rejected as costly and beyond the means of the Municipality. The famine of this year gave an opportunity of doing something, and advantage was taken of it to prepare a project for the excavation of a large reservoir, which would collect a supply of water for the town and be useful as a Famine relief work, and would give employment to a large number of people at a central and favourable position. At a very early stage the influx of famine labourers became great and necessitated the immediate commencement of the work in order to provide employment for the ever increasing number of workers. The position of the reservoir is about a mile directly north of the town of Broach and the proposed dimensions are 2,000 feet by 1,000 feet by 11 feet deep. Work was commenced on 29th December 1899, and the number of workers went up to 28,070 by the 26th January 1900. Wages were reduced from 1st March 1900, and drafting to Anklesvar works began on 8th March with the result that numbers went down to 11,518 by 31st idem. A depth of about five feet of excava-

tion of the 2,000 feet by 1,000 feet area of the reservoir was completed at the end of the year at an expenditure of Rs. 2,20,642.

289. The A'mod Tank.—This is a Municipal tank, taken up as a Famine relief work. It was excavated to a depth of 4 feet all over, and the portion near the Uwara (3 acres and 23,418 square feet) was excavated a further depth of 2 feet or 6 in all. Some of the spoil was used in making a road on the top of the Bund from the District Bungalow to the A'mod-Pálej Road. The work was commenced on 2nd November and completed on 27th December 1899, at a total cost of Rs. 29,753, against the sanctioned estimate of Rs. 33,957.

290. The Dabba Tank.—This tank was excavated to an average of 6' throughout its area. The spoil earth was used for strengthening the Bund around the tank. A gap was left to serve as an open waste channel. The work was commenced on 26th October 1899 and completed on 9th March 1900, at a total cost of Rs. 1,12,315, against a sanctioned estimate of Rs. 70,807. A revised estimate is under preparation.

291. The Asha Tank of Hinglot.—It is a large tank used for domestic purposes. The work was commenced on 19th October 1899 and completed on 28th Febuary 1900, at a total cost of Rs. 1,05,669, against the sanctioned estimate of Rs. 1,18,129.

292. The Amalesar Tank.—This tank is used for domestic purposes only. It is expected that some irrigation will be done from this tank with its increased supply. The work was commenced on 11th December 1899 and completed on 28th February 1900, at a total cost of Rs. 47,538, against the sanctioned estimate of Rs. 49,612.

293. The Puneshwar Tank.—Work was commenced on 24th October 1899 and completed on 7th March 1900, at a total cost of Rs. 77,079, against the sanctioned estimate of Rs. 85,113.

294. In addition to the above, seven other tank works were in progress, the expenditure being Rs. 3,36,619.

295. **Kaira and Panch Maha'ls District.**—The excavation of 12 tanks was started during the year to afford relief work. Of these 12 tanks, one only (Máláv) is an irrigation tank, the expenditure being Rs. 1,80,742.

296. **Ahmedabad District.**—During the year, the deepening of 15 Local Fund tanks in the Daskrohi, Viramgám, Dhandhuka, Gogo, Paránti and Modása Tálukas was carried out, the total expenditure being Rs. 2,98,250. Improvements were also carried out to several other tanks, &c., at a total cost of Rs. 10,80,953.

44.—MILITARY WORKS.

7.—Roads to Hill Stations or Lines of Military Communications.

297. **Ahmednagar District.**—Rs. 685 were spent in collecting and breaking metal for the Ahmednagar Cantonment roads against the sanctioned estimate of Rs. 62,310. The maximum number of workers employed was 2,765 on the 12th March 1900. The camp was at Sháhápur on the Nagar-Sheogaon Road.

APPENDICES (A to F)

TO THE

ADMINISTRATION REPORT OF CIVIL WORKS

FOR THE YEAR

1899-1900.

APPENDIX A.

Statement showing the actual expenditure incurred on the preservation of buildings of Historical and Architectural interest from 1895-96 to 1899-1900.

	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
Original Works.						
Azambhai's Palace, Ahmedabad	2,254	2,287	...	...	...	Formerly used as District Jail; a portion of this is converted into a Post Office.
Restoring Gondeshwar's Temple at Sinnar ...	293	...	...	219	...	
Verandah to the servants' quarters in the compound of the Main Shahi Bag bungalow, Ahmedabad	218	...	...	...	...	Used as private residence by the Commissioner, N. D.
Increased accommodation in the Main Shahi Bag, Ahmedabad	761	...	...	...	...	
Digging out Viragals at Vellapur, Sholápur District	...	...	...	...	10	
Total, Original Works ...	3,526	2,287	...	219	10	
Repairs.						
Repairs to Syed Oosman's Rozah, Ahmedabad.	758	...	...	...	...	
Repairs to the Rozah of Shahálum, near Ahmedabad	(a) 985	...	(b) 1,484	...	...	(a) Contribution work, exclusive of Establishment ... 118 Tools and Plant ... 16
Repairing Malek Allam's Mosque, near Sháhálam, in the Dáni Limda village boundary, Ahmedabad District ...	...	1,085	...	...	...	
Repairs to Fateh Mosque, Ahmedabad ...	1,095	439	...	...	...	(b) Contribution work, exclusive of Establishment ... 178 Tools and Plant ... 22
Do. to Mohafiz Khán's Mosque, Ahmedabad	324	...	180	...	...	
Azam Khán's Palace, Ahmedabad ...	281	87	82	80	78	Formerly used as a District Jail.
Shahi Bag do.	601	590	595	596	594	Used as private residence by the Commissioner, N. D.
Sidhi Syed's Mosque, do.	60	60	60	60	60	Used as record-room of Mámlatdár of Daskrohi.
Ibrahim Syed's Tomb and Mahomed Amikhán's Mosque and Rozah, Ahmedabad.	367	310	372	363	353	Used as residence and Office of the Executive Engineer, Ahmedabad.
Repairs to Sultan Ahmed's Masjid in Bhadar, Ahmedabad	...	517	...	329	534	
Do. to Sidhi Basir's Mosque, near the Ahmedabad Railway Station ...	...	858	...	...	...	
Do. to Ráni's Mosque at Kochrub, near Ahmedabad	150	...	...	...	...	
Do. to the Rozah at Batwa	197	273	...	...	...	
Do. to Ráni Sipri's Mosque, Ahmedabad...	123	185	257	128	290	
Do. to Abu Torrab's Rozah in Byrampur village boundary, Survey No. 97, near Ahmedabad	...	183	...	...	...	
Carried over ...	4,941	4,587	3,030	1,556	1,909	
	3,526	2,287	...	219	10	

APPENDIX A—*continued.*

	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	3,526	2,287	...	219	10
	4,941	4,587	3,030	1,556	1,909
Repairs to Bibiji's Mosque at Rájpur-Hirpur, Ahmedabad	447	...	...	...	...
Do. to Mosque and Tomb of Achut Bibis at Kajipur, Register No. 19, near Ahmedabad	148	92	...	...	...
Do. to Mosque and Tomb of Syed Oosman at Oosmanpur, Register No. 16, near Ahmedabad	8	...	...	..	...
Clearing archæological works in and out of the City of Ahmedabad	211	223	236	240	169
Repairs to Ráni's Mosque, Sárangpur, Ahmedabad	623	...	...	...	...
Do. to Syed Ibrahim's Mosque, outside the Astodia Gate, Ahmedabad ...	342	...	...	...	...
Do. to Juma Masjid in the City of Ahmedabad	...	(c)2,324	(d)1,572	(e)2,872	(f)776
Do. to Ektoda Mosque, Sárangpur ...	...	...	...	87	...
Do. to Mosque and Tomb of Rani Roopawati, otherwise called the Queen's Mosque, Mirjapur	...	...	...	241	...
Do. to Khán Mosque at Dholka ...	125	...	...	...	...
Tomb of General Wedderburn, Broach ...	6	6	6	6	8
Do. of Captain Simpee do. ...					
English, Dutch and Armenian Cemeteries at Surat	373	389	371	373	372
Tomb of Captain Tudors at Kaliawadi in Jaláipur Táluka, Surat District ...	10	9	7	10	10
Do. of Captain Caryat, near the village of Rajgiri, on the seashore of the Olpád Táluka	...	229	10	10	9
Rozah at Mehmadabad ...	51	50	50	43	50
Juma Masjid, Chámpáner ...	—217	60	254	265	74
Nawaj do. do. ...	20	20	21	21	31
Wandra do. do. ...	10	10	76	74	39
Rozah in front of do. ...	10	10	42	...	...
Do. near Patar Tank at do. ...	17	20	7	16	5
Gateway to Fort do. ...	20	20	21	21	11
Nagina Masjid do. ...	10	11	63	84	22
Rozah in front of do. ...	10	10	10	...	...
Lila Masjid do. ...	...	10	10	11	10
Shikandharsha's Rozah, Hálol.	20	20	21	16	6
Three arched Gates ...	...	...	...	11	21
Road near Patar Tank ...	...	...	4	...	...
Current repairs to Pier and Caves at Elephanta	1,545	1,531	1,542	1,470	1,534
Do. to buildings at Elephanta ...					
Special repairs to the Elephanta buildings and Pier	790	10	390	...	234
Repairs to the temple at Ambarnáth, Thána District	...	46	24	33	49
Do. to monument at Koregaon, Poona District	70	59	59	60	60
Do. to Eropean tombs, Poona District ...	...	...	...	...	68
Do. to caves at Karle	...	...	...	...	401
Special Repairs to Caves at Bhoja ...	...	...	...	...	321
Do. at Bedsa ...	...	...	...	...	636
Do. at Shelarwadí Excavations ...	...	...	...	...	25
Improving Shewnari Fort and Junnar Launas.	...	...	...	...	140
	9,590	9,746	7,826	7,520	6,990
Carried over ...	3,526	2,287	...	219	10

(c) Contribution work, exclusive of Establishment ... Rs. 279
Tools and Plant... 35

(d) Contribution work, exclusive of Establishment ... Rs. 189
Tools and Plant... 24

(e) Contribution work, exclusive of Establishment ... Rs. 345
Tools and Plant... 43

(f) Contribution work, exclusive of Establishment ... Rs. 93
Tools and Plant... 12

Kaira and Panch Mahals Districts.

APPENDIX A—*concluded.*

	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	
	Rs.	Rs.	Rs.	Rs.	Rs.	
Brought forward ...	3,526	2,287	...	219	10	
	9,590	9,746	7,826	7,520	6,990	
Repairs to the Laxmi Narayan Temple at Pedgaon in Shrigonda Táluka in Ahmednagar District ...	...	...	...	249	...	
Do. to the Devi Temple at Mandeogari in Shrigonda Táluka	...	...	...	47	...	
Do. to Damadi Masjid at Ahmednagar ...	...	...	...	18	...	
Do. to the Temple of Malikarjuna at Karjat in Ahmednagar District ...	...	...	...	81	...	
Current repairs to the old Mahomedan buildings at Bijápur	1,574	1,299	677	1,493	1,481	
Repairs to Gol Gumbaz at do. ...	—886	—318	...	...	...	
Repairs to the Ibrahim Rozah at Bijápur ...	2,247	486	...	...	2,305	
Special repairs to the cornice of the Mosque attached to the Gol Gumbaz, Bijápur ...	201	...	...	...	353	
Special repairs to the Asar Mahál, Bijápur ...	...	242	...	...	...	
Preserving the caves at Bádámi, Bijápur District	24	22	22	24	24	
Repairs to the Jain Temple, Fort, Belgaum ...	...	...	...	108	...	
Afzulkhan's Tomb at Pratápgad	...	18	...	...	...	
Pratápgad Gate	*98	...	...	...	...	* Includes repairs to the tomb of Afzulkhan.
Jetappa Naikanna Chandranatheshwar Basti at Bhatkal	69	...	...	...	...	
Special repairs to Nugareshwar Temple at Bankápur	...	...	...	...	1,136	
Do. to Shiddheswar Temple at Háveri.	...	...	...	...	406	
Repairs to Miani Monument, near Hyderabad	49	43	49	55	49	
Do. to Daba Monument, Hyderabad ...	18	19	18	15	11	
Special repairs to the Daba Monument ...	...	...	...	...	26	
Making special repairs to Tomb of Gulamshaha Kuthero at Hyderabad	...	...	...	2,848	...	
Repairs to Masjid at Khudabad	...	391	...	...	...	
Fixing colored tiles to the Tomb of Mian Yar Mahomed Kalhora at Khudabad ...	...	80	...	...	...	
Repairs to Satianjo Than Rohri	...	...	...	926	...	
Total, Repairs ...	12,984	12,028	8,592	13,384	12,781	
Grand Total ...	16,510	14,315	8,592	13,603	12,791	

APPENDIX B.

Statement showing the outlay incurred on Police Buildings during the year 1899-1900.

District.	Locality.	Name of Work.	No. of men to be accommodated.	Estimated Cost.	Expended during the year.	Remarks.
1	2	3	4	5	6	7
				Rs.	Rs.	
Thána	Sanján ...	Providing weather frames to the windows of the Police Lines.	3	12	12	Completed.
Do. ...	Sháhápur ...	Additions and alterations to the Police Lines.	10	244	244	Do.
Do. ...	Bandora ...	Improving the compound of the Police Lines.	21	412	387	Do.
Do. ...	Máhim ...	Providing ventilating roof for the Police Lines.	22	919	899	Do.
Do. ...	Acharí ...	Police Lines	2	717	728	Do.
Surat and Broach. Surat ...	Surat ...	Two blocks of Police Lines	80	14,072	7,631	Do.
Do. ...	Broach ...	Renewing weather boards of the City Police Inspector's Office.	.....	31	30	Do.
Do. ...	Anita	Raising the floors of the Police Lines ...	.....	382	429	Do.
Do. ...	Surat	Providing water connection to the Mounted Police Lines.	.....	26	26	Do.
Kaira and Panch Mahals.	Kankashia ...	Police Lines	7	3,145	592	Do.
Do. ...	Mahudha ...	Latrine of one seat for the use of women living in the Police Lines.	.....	112	94	Do.
Do. ...	Arad	Police Lines	7	1,915	1,215	In progress.
Do. ...	Wadia... ...	Do.	12	3,713	1,769	Completed.
Do. ...	Khandivao ...	Do.	4	1,138	1,084	Do.
Do. ...	Dohad ...	Providing a railing round the rain gauge pillar.	.....	34	33	Do.
Ahmedabad ...	Ahmedabad ...	Additions and alterations to the Mounted Police Lines.	.....	176	163	Do.
Do. ...	Do. ...	Providing a screen wall between the male and female latrines of the Foot Police Lines.	.....	90	89	Do.
Do. ...	Do. ...	Providing a punkha in the room used by the Assistant Superintendent of Police as his Office in the City.	.....	15	15	Do.
Do. ...	Do. ...	Converting 3 stalls into loose boxes in the Mounted Police Lines.	.....	145	144	Do.
Do. ...	Do. ...	Latrines for servants in the Police Superintendent's Bungalow.	.....	185	149	Do.
Mahi Kántha Agency.	Santhal ...	Providing cloth ceiling to the Chief Constable's Office and Quarters.	.....	34	21	Do.
Khándesh ...	Yával	Constructing Police Lines	.....	3,405	1,786	
Do. ...	Dhulia ...	Additions and alterations to the old Quarter Guard at Dhulia used as Police Superintendent's Office.	.....	403	381	
Do. ...	Do. ...	Providing stone paving to the store rooms in the Armed Police Lines.	.....	156	156	
Násik	Peint ...	Constructing Police Lines	18	14,890	1,676	Completed.
Do. ...	Thulghát ...	Constructing a block of two rooms for the Police Guards.	2	1,311	610	In progress.
Ahmednagar ...	Páthardi ...	Re-roofing the Police Lines	.....	1,015	960	Completed.
Do. ...	Karjat ...	Providing falling shutters to the windows of the room in the Treasury Guard Line.	.....	20	20	Do.
Do. ...	Shrigonda ...	Providing falling shutters to the ventilators over windows and doors in the Treasury Guard Police Lines.	.....	43	43	Do.
Do. ...	Bhingár ...	Constructing Police Lines	6	2,255	1,575	In progress.
Do. ...	Kopargaon ...	Do. do.	25	8,141	2,782	Do.
Do. ..	Ahmednagar ...	Providing privy pans in the Police Lines.	.....	29	29	Do.
Sholápur ...	Sholápur ...	Head-quarter Police Lines	143	43,991	1,568	Do.
Do. ...	Do. ...	A new store room for the Head-quarter Police Lines.	.....	2,779	1,398	Completed.
Poona	Poona... ...	Additions and alterations to the Faráskhána buildings.	No increased accommodation.	33	24	
Do. ...	Do. ...	Constructing bathing platforms and urinals to the Faráskhána buildings.	Do. ...	198	193	
Do. ...	Do. ...	Construction of new Head-quarters Police Lines.	308	151	13	Expenditure for digging trial pits.
Do. ...	Do. ...	Providing railing over the parapet wall of terrace roof, Faráskhána.	No increased accommodation.	709	690	
Do. ...	Do. ...	Additions and alterations to the official residence of the District Superintendent of Police.	Do. ...	6,035	3,543	
		Carried over ...	670	1,13,081	33,201	

APPENDIX B—*concluded.*

District.	Locality.	Name of Work.	No. of men to be accommodated.	Estimated Cost.	Expended during the year.	Remarks.
1	2	3	4	5	6	7
				Rs.	Rs.	
		Brought forward ...	670	1,13,081	33,201	
Poona ...	Wadgaon ...	Stone pavement to the floor of the Chief Constable's Office.	No increased accommodation.	147	147	
Do. ...	Sirúr	Constructing additional Police Lines ...	13 (3 Head Constables and 10 Constables.)	5,294	1,900	
Belgaum ...	Khánápur ...	Constructing a further length of gutter to the Police Lines.	.....	32	32	Completed.
Do. ...	Athni	Providing smoke outlets to the Police Lines.	.....	62	62	Do.
Dhárwár ...	Gadag... ...	Constructing a bathing platform to the Police Lines.	.....	175	174	Do.
Do. ...	Dhárwár ...	Providing an iron tank for watering the earth plate of the lightning conductor in the Police Lines.	.....	38	38	Do.
Sátára... ...	Karád... ...	Police Lines for 10 armed men for Treasury Guard in connection with the Mámlatdár's Kacheri.	10	3,195	2,937	In progress.
Do. ...	Nándgaon ...	Additions and alterations to Police Lines.	10	100	95	Completed.
Do. ...	Pátan... ...	Police Lines	22	8,113	4,073	In progress.
Do. ...	Medha ...	Additional Police Lines	.....	6,118	4,269	Do.
Do. ...	Wái	Police Lines	22	6,440	5,594	Do.
Do. ...	Do. ...	Constructing new Chief Constable's Office in the compound of the Mámlatdár's Kacheri.	.....	1,509	1,459	Completed.
Bijápur ...	Bijápur ...	Constructing a Police Chauki	7	888	862	Completed. Funds for this work were provided by the Bijápur Municipality.
Begári Canals ..	Jacobabad ...	Compound wall to the Police Lines ...	.....	270	242	Completed.
Shikárpur Canals.	Shikárpur ...	Providing doors in the front wall of Family Police Lines.	.....	183	182	Do.
Do. ...	Do. ...	Additions and alterations to the Headquarters Chief Constable's quarters.	.....	106	104	Do.
Do. ...	Sukkur ...	Providing a pankha to the Station House.	.....	9	9	Do.
Do. ...	Do. ...	Additions and alterations to the Chaplain's Bungalow.	.....	4,081	4,092	Do.
Do. ...	Loi	Constructing a new Police Thána ..	8	10,382	10,424	Do.
Ghár Canals ...	Lárkhána ...	Additions and alterations to the Town Police Lines.	.....	12	12	Do.
Do. ...	Do. ...	Additions and alterations to the compound wall of Chief Constable's quarters in Police Lines.	.....	209	191	Do.
Western Nára ..	Bakrani ...	Substituting corrugated iron sheets roofing to the Police Lines.	.....	325	295	Do.
Karáchi Canals.	Karáchi ...	New Police Lines, Sadar Bazár... ...	46	21,669	8,510	In progress.
Do. ...	Kotri ...	Latrines for Police Lines	.....	337	339	Completed.
Do, ...	Karáchi ...	Conversion of a godown into a Guard Room in the City Police Inspector's Office.	5	150	145	Do.
Do. ...	Do. ...	Do. into lock-up do. ...	2	271	248	Do.
Do. ...	Do. ...	Do. a strong room do. ...	.....	288	257	Do.
		Total ...	8·15	1,83,484	79,893	

APPENDIX C.

STATEMENT SHOWING THE EXPENDITURE INCURRED ON WORKS ESTABLISHMENTS IN THE UNDERMENTIONED DISTRICTS DURING THE YEAR 1899-1900, AND THE PERCENTAGE IT BEARS TO THE OUTLAY ON WORKS AND REPAIRS PROPER.

No.	Divisions and Districts.	Outlay on						Total Contract and Departmental, Columns 5 and 8.	Cost of Work Establishments sanctioned by			Percentage (Column 13 bears to Column 9).
		By Contract.			By Departmental Agency.				Chief or Superintending Engineer.	Executive Engineer.	Total.	
		Original Works including additions and alterations and improvements and extensions.	Repairs.	Total.	Original Works including additions and alterations and improvements and extensions.	Repairs.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13
	Northern Division.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1	Presidency	1,74,180	60,318	2,34,498	53,047	45,789	98,836	3,33,334	5,923	5,913	11,836	3·6
				Deduct—Establishment Charges ...				—11,836				
								3,21,498				
2	Thána	13,155	...	13,155	1,68,739	1,15,560	2,84,299	2,97,454	3,248	11,880	15,128	5·08
3	Surat and Broach ...	...	...	...	69,107	81,551	1,50,658	1,50,658	2,846	6,391	9,239	6·5
				Deduct—Establishment Charges ...				—9,239				
								1,41,419				
4	Kaira and Panch Mahals	42,832	...	42,832	19,134	52,785	71,919	1,14,751	3,022	5,295	8,317	7·25
5	Ahmedabad	...	...	...	78,416	1,11,435	1,89,851	1,89,851	2,074	8,814	10,888	5·7
	Total, N. D. ...	2,30,167	60,318	2,90,485	3,88,443	4,07,120	7,95,563	10,86,048	17,113	38,293	55,406	5·2
				Deduct—Establishment Charges ...				—21,075				
								10,64,973				
	Central Division.											
6	Násik	21,747	...	21,747	6,15,559	2,42,935	8,58,694	8,80,441	6,013	28,502	34,625	3·9
7	Ahmednagar... ...	39,484	7,943	47,427	1,23,204	8,34,260	9,57,464	10,04,891	...	26,564	26,564	2·6
8	Sholápur	...	...	...	8,513	36,598	45,109	45,109	...	3,794	3,794	8·4
9	Poona District ...	29,713	12,931	42,644	70,549	3,94,339	4,64,888	5,07,532	6,864	17,907	24,771	4·8
10	Khándesh	27,599	...	27,599	17,77,211	72,623	8,49,834	18,77,433	21,667	43,661	65,328	3·4
	Total, C. D. ...	1,18,543	20,874	1,39,417	25,95,036	15,80,755	45,75,989	43,15,406	34,544	1,20,428	1,55,082	3·5
	Southern Division.											
11	Belgaum	10,454	20,578	31,032	22,590	1,28,338	1,50,928	1,81,960	3,519	9,092	12,611	6·9
12	Dhárwár	...	...	...	15,639	1,34,021	1,49,660	1,49,660	4,159	8,431	12,586	8·4
13	Kánara	5,638	8,093	13,731	3,840	1,15,883	1,19,723	1,33,454	3,959	6,150	10,109	7·5
14	Bijápur	...	...	...	4,,692	42,805	92,497	92,497	2,312	5,741	8,053	8·7
15	Ratná giri and Kolába.	...	...	...	30,500	1,41,045	1,71,545	1,71,545	3,340	9,333	12,673	7·3
16	Sátára	18,668	2,886	21,554	67,706	1,47,725	2,15,431	2,36,985	3,640	13,448	17,088	7·2
	Total, S. D. ...	34,760	31,557	66,317	1,89,967	7,09,817	8,99,784	9,66,101	20,925	52,195	73,120	7·5
	Indus Left Bank Division.											
17	Eastern Nára ...	...	...	...	...	...	...	...	...	...	...	...
18	Fuleli Canals ...	14,308	...	14,308	...	...	...	14,308	...	97	97	·6
19	Northern Hyderabad Canals	3,678	...	3,678	...	...	...	3,678	...	36	36	·9
20	Central Hyderabad Canals	13,086	...	13,086	723	11,296	12,019	25,105	1,822	...	1,822	7·2
	Total, Indus Left Bank Division ...	31,072	...	31,072	723	11,293	12,019	43,091	1,822	133	1,955	4·5
	Indus Right Bank Division.											
21	Karáchi Canals ...	67,786	31,308	99,094	...	...	...	99,094	...	1,787	1,787	1·8
22	Ghár Canals ...	4,235	3,270	7,505	...	99	99	7,604	...	...	...	...
23	Begári Canals ...	2,216	5,313	7,529	...	977	977	8,506	...	...	...	...
24	Shikárpur Canals ...	25,889	11,412	37,301	...	...	...	37,301	...	122	122	·3
25	Western Nára ...	1,38'	5,617	6,998	...	...	...	6,998	...	...	...	...
	Total, Indus Right Bank Division ...	1,01,507	56,920	1,58,427	...	1,076	1,076	1,59,503	...	1,909	1,909	1·2
	Grand Total ...	5,16,049	1,69,669	6,85,718	31,74,169	27,10,064	58,84,431	65,70,149	74,404	2,12,958	2,87,472	4·3
				Deduct—Establishment Charges ...				—21,075				
								65,49,074				

APPENDIX D.

STATEMENT

OF

IMPERIAL, PROVINCIAL AND LOCAL FUND ROADS

FOR THE YEAR

1899-1900.

Statement showing the mileage of all the Roads, constructed and in progress, maintined from IMPERIAL AND PROVINCIAL ROADS in the Bombay Presidency for the year 1899-1900.

Imperial Military. 2.—Unmetalled Roads. B.—Partially Bridged and Drained.

Executive Districts.	Classification and names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	CENTRAL DIVISION.						
	Road from Saswad to foot of Purandhar Fort ...	5 4,435	.....	5 4,435	Not known...	759	
	General Cantonment Works.						
Poona	Cantonment roads at Sirur	7 0	.....	7 0	Not known...	522	Average of 2 years.
	Do. at Khandála	4 2,640	.....	4 2,640	Do. ...	273	Do.
	Do. at Purandhar	12 297	.....	12 297	Do. ...	990	Do.
	Total, Poona District ...	29 2,092	.....	29 2,092	.....	...	
	Total, Central Division ...	29 2,092	.....	29 2,092	.....	...	
	GRAND TOTAL, IMPERIAL MILITARY ROADS 2.—UNMETALLED	29 2,092	.....	29 2,092	.....	...	
	IMPERIAL CIVIL.						
	1.—METALLED ROADS.						
	A.—BRIDGED AND DRAINED THROUGHOUT.						
	NORTHERN DIVISION.						
Thána.	Road from Umela to Pápdi	1 3,425	.....	1 3,425	8,720	519	
	Total, Thána District ...	1 3,425	.....	1 3,425	.....	...	

Ahmedabad ...	Cantonment Main Roads, Ahmedabad ...	...	1	420	.....	1	420	7,069	650
	Do. do. Rájkot ...	...	1	125	.....	1	125	1,000	345
	Total, Ahmedabad District ...	...	2	545	.....	2	545	.....	...
Surat and Broach .	Road from Dungri Railway Station to Dhárásna Salt Pans...	...	3	0	.....	3	0	5,101	993
	Total, Surat and Broach Districts ...	...	3	0	.....	3	0	.....	...
	TOTAL 1-A, NORTHERN DIVISION ...	...	6	3,970	.....	6	3,970	.....	...
	GRAND TOTAL, IMPERIAL CIVIL ROADS ...	...	6	3,970	.....	6	3,970	.....	...
	PROVINCIAL.								
	1.—METALLED ROADS.								
	A.—BRIDGED AND DRAINED THROUGHOUT.								
	NORTHERN DIVISION.								
Presidency ...	Máhim Causeway	...	0	3,558	.....	0	3,558	*3,02,498	1,970
	Sion Causeway	...	1	471	.....	1	471	*89,955	2,526
	Total, Presidency District ...	...	1	4,029	.....	1	4,029	.....	...
	Carried over ...	...	1	4,029	.....	1	4,029	.....	...

Original costs taken from tablets on the roads.

PROVINCIAL ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed. Ms.	ft.	In progress. Ms.	ft.	Total. Ms.	ft.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
								Rs.	Rs.	
	Brought forward ...	1	4,029	.....		1	4,029	.....	..	
	1.—METALLED ROADS—*continud.*									
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*									
	NORTHERN DIVISION—*concluded.*									
Ahmedabad ...	Road from Bibipura to Modása *vid* Dhansura ...	18	0	.....		18	0	6,103	2,751	
	Extra Municipal roads, Ahmedabad	4	2,090	.....		4	2,090	Unknown ...	4,974	
	Roads from foot of overbridge approach near the Kálupur gate to junction with roads to Camp, Ahmedabad	1	3,000	.....		1	3,000	5,700	1,429	Constructed from Imperial Funds and repaired from Provincial Funds.
	Road from Dhansura to Harsol	13	0	.....		13	0	8,139	2,129	
	Road from Harsol to Talod	5	2,397	.....		5	2,397	6,632	931	Completed. Expenditure for 1899-1900.
	Total, Ahmedabad District ...	42	2,207	.....		42	2,207	.....	...	
Kaira and Panch Mahals.	Road from Kapadvanj to Bibipara, including Ladwell Branch	32	1,760	.....		32	1,760	7,890	...	On the Ladwel branch earth-work and collection of metal is being done as Famine work.
	Road from Oorwada *vid* Morva to South Frontier.	20	0	.....		20	0	5,379	...	Earth-work for 12 miles has been done and collection of metal for one whole road was in progress.
	Total, Kaira District ...	52	1,760	.....		52	1,760	.....	...	
Surat and Broach	Road from Bilimora to Chikhli (in Gáikwár's Territory)	3	2,640	.....		3	2,640	5,953	1,420	Constructed from Provincial and Local Funds in the proportion of 1 to 2. Maintained from Provincial Funds.
	Total, Surat and Broach Districts ...	3	2,640	.....		3	2,640	.....	...	

Thána	Road from Ulva to Cámpuli (portion in Thána Collectorate).	13	2,640	.....	13	2,640	Unknown ...	3,051	
	Road from Dharamtar to Cámpuli (portion in the Thána Collectorate).	3	2,640	.....	3	2,640	Do. ...	1,236	
	Road from Thána to Panvel (portion in Thána Collectorate).	10	2,640	.....	10	2,640	Do. ...	1,811	
	Esplanade Roads at Thána	1	4,637	.....	1	4,637	Do. ...	320	
	Total, Thána District ...	29	1,997	.....	29	1,997	.....	...	
	TOTAL, NORTHERN DIVISION ...	129	2,073	.....	129	2,073	.....	...	
	SOUTHERN DIVISION.								
Belgaum ...	Road from Belgaum to Bágalkot— Section from Belgaum to Karkop ...	43	0	.....	43	0	Unknown ...	11,413	
	Road from Belgaum to Vengurla— Section from Belgaum to Amboli at the head of the Parpoli Ghát.	43	0	.....	43	0	17,910	15,686	
	Road from Poona to Bangalore— Section from Wárna to Dudganga river ...	28	0	.....	28	0	Unknown ...	6,217	
	Road from Dudganga to the Dhárwár Frontier.	90	0	.....	90	0	Do. ...	17,698	
	Krishna Bridge Road— Section from Bridge to Sángli	1	1 320	.....	1	1,320	Do. ...	991	
	Do. do. to Miraj	2	1,320	.....	2	1,320			
	Link Roads in the Belgaum Cantonment ...	1	4,073	.....	1	4,073	Do. ...	688*	*Average of four years only.
	Total, Belgaum District ...	209	1,433	.....	209	1,433	.....	...	
Bijápur	Road from Belgaum to Bágalkot— Section from Khajidoni to Bágalkot ...	19	0	.....	19	0	2,422	3,525	
	Total, Bijápur District ...	19	0	.....	19	0	.....	...	
	Carried over ...	357	3,506	.....	357	3,506	.....	...	

PROVINCIAL ROADS—*continued.*

Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought forward ...	357	3,506	.....		357	3,506	.....	...	
	1.—METALLED ROADS—*continued.*									
	A.—BRIDGED AND DRAINED—*continued.*									
	SOUTHERN DIVISION—*continued.*									
Dhárwár ...	Poona-Bangalore Road	106	3,900	.....		106	3,900	5,767	21,411	
	Kárwár-Bellary Road— Section from Sangtikop to Hubli ...	27	3,300	.....		27	3,300	1,238	5,849	The cost includes travellers' bungalows, dharamshálas and bridges.
	Do. Gadag to Hesrur on the Bellary Frontier, miles 136 to 153.	18	0	.....		18	0	7,604	2,856	The length of the road is 29 miles from Gadag to Hesrur, of which 18 miles are metalled. The road has been accordingly split up.
	Hubli-Kumta road from Trimalkop on the Poona-Bangalore road to Wadgatti on the Dhárwár Frontier.	9	1,980	.....		9	1,980	Unknown ...	2,624	
	Karur Railway Station Road	0	2,990	.....		0	2,990	3,507	139	
	Baralkod do.	0	900	.....		0	900	2,992	78	
	Dhárwár do.	0	4,900	.....		0	4,900	2,391	466	
	Mugúd do.	0	600	.....		0	600	2,446	69	
	Nagargoli do.	0	2,877	.....		0	2,877	1,161	167	
	Dandur do.	1	660	.....		1	660	4,360	283	
	Hulkoti do.	0	3,300	.....		0	3,300	3,659	69	
	Total, Dhárwár District ...	165	4,287	.....		165	4,287	.....	...	

Kánara ...	Kárwár-Bellary Road—								
	Section from Kárwár *viâ* Arbail Ghát to the Dhárwár boundary at Sangtikop.	74	3,960	.....	74	3,960	19,004	14,105	
	Section from junction of Udloor Deviation near Balegully to Ankola.	3	3,960	.....	3	3,960	Unknown ...	561	
	Do. from Kárwár to Kodibág	2	2,640	.....	2	2,640	Do. ...	528	
	Do. from Haliyál to Belgaum Frontier up to Linganmath.	9	0	.....	9	0	11,891	2,584	
	Do. From Koney to the junction of Kodibág road *vid* jail at Kárwár.	1	2,490	.....	1	2,490	4,625	218	
	Do. From Haliyál to Mavinkop ...	4	2,640	.....	4	2,640	1,736	893	
	Total, Kánara District ...	95	5,130	.....	95	5,130	.....	...	
Ratnágiri and Kolába.	Road from Karád to Chiplun—								
	Section from Kumbhárli Ghát to Chiplún ...	14	1,664	.....	14	1,664	19,231	4,660	
	Road from Ratnágiri to Amba Ghát—								
	Do. over Amba Ghát...	9	1,760	.....	9	1,760	45,448	2,793	
	Road from Mhapral to Shirwal—								
	Section from Mhapral on the Bánkot river to Bhor State boundary.	30	0	.....	30	0	Unknown ...	*4,818	*The average cost of maintenance is only for 25½ miles.
	Road from Alibág to Campoli *vid* Dharamtar—								
	Section from Dharamtar to Campoli ...	20	660	.....	20	660	6,665	5,516	
	Road from Bombay to Poona—								
	Section from Ulwa to Chauk	16	0	.....	16	0	4,080	4,091	
	Roads near Panvel—								
	Section from Panvel to Thána	9	1,320	.....	9	1,320	7,573	2,660	
	Do. from Panvel to Jessái	6	3,300	.....	6	3,300	Unknown ...	926	
	Belgaum-Vengurla Road—								
	Section from Amboli to Vengurla ...	35	0	.....	35	0	17,909	11,855	
	Total, Ratnágiri and Kolába Districts ...	140	3,424	.....	140	3,424	.....	...	
	Carried over ...	760	507	.....	760	507	.....	...	

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought forward ...	760	507	.....		760	507	.....	...	
	1.—METALLED ROADS—*continued.*									
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*									
	SOUTHERN DIVISION—*continued.*									
Sátára	Poona-Bangalore Road— Section from the Nira to the Várna River ...	100	0	.....		100	0	26,304	21,600	
	Road from Surul Mahábaleshvar... ...	26	2,640	.....		26	2,640	14,364	6,789	
	Road from Mahád to Mahábaleshvar— Section from Kineshwar *vid* Fitzgerald Ghát to Mahábaleshwar.	20	1,320	.....		20	1,320	22,780	7,022	
	Road from Sátára to Shendra	4	0	.....		4	0	3,101	1,026	
	Road from Karád to Chiplun— Section from Karád to the foot of the Kumbhárli, Ghat.	46	0	.....		46	0	23,247	14,684	
	Total, Sátára District ...	196	3,960	.....		196	3,960	.....	...	
	TOTAL, SOUTHERN DIVISION ...	827	2,394	.....		827	2,394	.....	...	

	CENTRAL DIVISION.									
Poona	Road from Dápuri to the foot of the Bhor Ghát (Poona-Bombay Road).	42	0	.....	42	0	Unknown ...	12,128		
	Approach road to Deccan Central Jail, Yerrowda.	1	1,320	.....	1	1,320	4,173	319		
	Road from Poona to Shirval (New Sátára Road).	26	2,112	.....	26	2,112	24,983	10,524		
	Civil roads within the limits of Suburban Municipality.	12	4,477	.....	12	4,477	Unknown ...	12,608		
	Do. City Municipality	1	1,080	.....	1	1,080	Do. ...	1,881		
	Do. not within the Cantonment or Municipal areas.	10	113	.....	10	113	Do. ...	9,779		
	Total, Poona District ...	93	3,822	.....	93	3,822	.....	...		
Násik ...	Nándgaon-Aurangabad Road	12	0	.....	12	0	Unknown ...	2,432		
	Málegaon-Manmád Road	21	0	.....	21	0	.....	13,024		
	Manmád-Kopargaon Road	21	0	.....	21	0	.....	...		
	Bombay-Agra Road	111	2,640	.....	111	2,640	20,435	1,204		
	Total, Násik District ...	165	2,640	.....	165	2,640	.....	...		
Khándesh ...	Bombay and Agra Road	70	0	.....	70	0	Unknown ...	20,167		
	Dhulia and Chálisgaon Road	34	0	.....	34	0	14,922	7,654		
	Kondaibári Ghát Road on Dhulia-Surat Road...	4	0	.....	4	0	Unknown ...	†...	† Included in Dhulia-Surat Road under II (B).	
	Total, Khándesh District ...	108	0	.....	108	0	.....	...		
Ahmednagar ...	Ahmednagar-Poona Road. Section from Ahmednagar to the Ghor River.	31	0	.....	31	0	6,739	5,556	Some diversions and casing of gradients are in hand as Famine Relief Works.	
	Total, Ahmednagar District ...	31	0	.....	31	0	.....	...		
Sholápur ...	Cantonment Roads	4	50	.....	4	50	Not known...	854		
	Total, Sholápur District ...	4	50	.....	4	50	.....	...		
	TOTAL, CENTRAL DIVISION ...	402	1,232	.....	402	1,232	.....	...		
	Carried over ...	1,359	419	.....	1,359	419	.....	...		

PROVINCIAL ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed. Ms.	ft.	In progress. Ms.	ft.	Total. Ms.	ft.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
	Brought forward ...	1,359	419	.....		1,359	419	.....	...	
	1.—METALLED ROADS—*continued.*									
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*									
	ADEN.									
Aden ...	Shaikh Othmán Road from Barrier gate at Isthmus to Cantonment boundary Branch to Khormuxar.	4	1,683	.....		4	1,683	4,500	‡3,464	‡ This amount is for the whole road, not per mile.
	Total, Aden District ...	4	1,683	.....		4	1,683	.....	...	
	TOTAL, 1-A.—BRIDGED AND DRAINED THROUGHOUT	1,363	2,102	.....		1,363	2,102	.....	...	
	1.—METALLED ROADS.									
	B.—PARTIALLY BRIDGED AND DRAINED.									
	INDUS RIGHT BANK DIVISION.									
Western Nára ...	Bhagotora Road	5	0	.....		5	0	2,128	1,261	
	Total, Western Nára District ...	5	0	.....		5	0	.....	...	
	TOTAL, INDUS RIGHT BANK DIVISION ...	5	0	.....		5	0	.....	...	

	Northern Division.									
Thána ...	Satowli-Khind Road	2	0	.....	2	0	1,785	259		
	Road from Neral to Mátherán	7	2,640	.....	7	2,640	Unknown ...	1,819		
	Road from Kurla to Kasára (Bombay-Agra Road).	68	0	.....	68	0	Do. ...	15,230		
	Road from Dáhánu to Jawhár	27	0	.....	27	0	11,243	5,921		
	Total, Thána District ...	104	2,640	.....	104	2,640	.....	...		
Kaira and Panch Maháls	Godhra-Shera Road	14	0	.....	14	0	6,622	...	Consolidation of metal on the whole road completed.	
	Dohad-Limdi Road	.....		13	3,400	13	3,400	5,119	...	Earth-work and metal collection in progress.
	Total, Kaira District ...	14	0	.....	27	3,400	.....	...		
	Total, Northern Division ...	118	2,640	13	3,400	132	760	.....	...	
	Southern Division.									
Belgaum ...	Road from Khánápur to Yellápur— Section from Khánápur to Linganmath ...	22	0	.....	22	0	Unknown ...	4,772	The road was divided into 2 sections in 1893-94 and, therefore, the average of 4 years only is given.	
	Total, Belgaum District ...	22	0	.....	22	0	.....	...		
Dhárwár ...	Hávanur-Ekambi Road— Section from Háveri to Samasgi on the Dhárwár Frontier (2nd Section).	28	1,320	.....	28	1,320	2,843	4,857	The length of the road in the Dhárwár District is 50 miles and 1,320 feet, of which 33 miles and 1,320 feet are metalled and the remainder unmetalled.	
	Section from Háveri to Samasgi on the Dhárwár Frontier (1st Section).	5	0	.....	5	0	2,437	745		
	Total, Dhárwár District ...	33	1,320	.....	33	1,320	.....	...		
	Carried over ...	1,542	782	13	3,400	1,555	4,182	.....	...	
	Carried over Total of 1-A. ...	1,363	2,102	.....		1,363	2,102	.....	...	

PROVINCIAL ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	1,363 2,102	.....	1,363 2102	.....	...	
		1,542 782	13 3,400	1,555 4,182	.....	...	
	1.—METALLED ROADS—*continued.*						
	B.—PARTIALLY BRIDGED AND DRAINED—*continued.*						
	Southern Division—*continued.*						
Kánara ...	Road from Ekambi to Samasgi	6 2,640	.....	6 2,640	Unknown ...	1,343	
	Road from Pala to Bankápur	2 2,640	.....	2 2,640	921	439	
	Road from Hatgal to the bank of Tadri River...	1 0	.....	1 0	Unknown ...	285	
	Road (metalled) from Dhárwár Frontier near Yergatti to Kumta *viâ* Sirsi	78 2,640	.....	78 2,640	Do. ...	22,022	
	Road from the Mysore Frontier near Telgappa to Gairsappa	25 0	.....	25 0	2,569	5,089	
	Road from Yellápur to Bankápur *viâ* Mundgod Section from Yellápur to Sonwalli ...	29 0	.....	29 0	Unknown ...	5,171	
	Road from Sánikatta to Hebul	18 0	.....	18 0	Do. ...	2,329	
	Road from Haliyál to Supa	20 2,640	.....	20 2,640	Do. ...	5,091	
	Road from Konry Bridge to Sezwad ...	2 3,780	.....	2 3,780	6,384	649	
	Road from Sirsi to Shimoga *viâ* Banwási ...	19 1,320	.....	19 1,320	Unknown ...	3,205	
	Road from Yellápur to Haliyál	27 0	.....	27 0	2,017	6,747	
	Total, Kánara District ...	229 5,100	.....	229 5,100	.....	...	
Bijápur ...	Road from Bijápur to Miraj— Section from Bijápur to Honvad	24 2,640	.....	24 2,640	2,867	4,281	
	Total, Bijápur District ...	24 2,640	.....	24 2,640	.....	...	

Sátára ...	Sátára-Mahábaleshwar Road ...	...	33	0	.....	33	0	26,457	7,494
	Road from Mhápral to Pandharpur— Section from Shirwal to Phaltan State	...	18	0	.....	18	0	.....	9,691
	Total, Sátára District	...	51	0	.....	51	0	.....	...
	TOTAL, SOUTHERN DIVISION	...	360	3,780	.....	360	3,780	.....	...
	CENTRAL DIVISION.								
Poona ...	Road from Fitzgerald Bridge, Poona, to Sirur (Poona-Ahmednagar Road) ...	...	41	0	.....	41	0	Unknown ...	11,762
	Road from St. Patrick's Church, Poona, to 40th mile-stone (Poona-Sholápur Road, Section I)	...	37	2,640	.....	37	2,640	Do. ...	11,719
	Total, Poona District	...	78	2,640	.....	78	2,640	.....	...
Sholápur	Road from Bársi to Yedsi ...	...	20	0	.....	20	0	6,309	4,193
	Do. from Yedsi to Tadwala ...	...	8	0	.....	8	0	8,050	2,315
	Total, Sholápur District	...	28	0	.....	28	0	.....	...
Násik ...	Satighát-Harsul Road	...	3	0	.....	3	0	Unknown ...	424
	Do. Road	...	5	0	.....	5	0	Do. ...	411
	Násik-Poona Road	...	33	0	.....	33	0	Do. ...	8,154
	Total, Násik District	...	41	0	.....	41	0	.....	...
Ahmednagar ...	Road from Ahmednager to Dhond ...	...	45	2,640	.....	45	2,640	2,616	2,103
	Road from Imámpur Ghát to Toka	...	27	0	.....	27	0	4,,714	3,108
	Road from Ahmednagar to Paithan	...	52	2,640	.....	52	2,640	4048	8,695
	Road from Nandur Shingota to Alikhand (Násik Poona Road)	...	37	0	.....	37	0	1,810	3,944
	Total, Ahmednagar District	...	162	0	.....	162	0	.....	...
	TOTAL, CENTRAL DIVISION	...	309	2,640	.....	309	2,640	.....	...
	TOTAL, 1 (B).—PARTIALLY BRIDGED AND DRAINED ...	...	793	3,780	13 3,400	807	1,900	.....	...
	Carried over Total 1-A and 1-B	...	2,157	602	13 3,400	2,170	4,002	.....	...

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	2,157 602	13 3,400	2.170 4,002	.....	...	
		2,157 602	13 3,400	2,170 4,002	.....	...	
	2.—UNMETALLED ROADS.						
	A.—BRIDGED AND DRAINED THROUGHOUT.						
	NORTHERN DIVISION.						
Surat and Broach	Road from Párdi to Chiwal	13 0	.....	13 0	2,847	2,352	Constructed and maintained from Provincial Funds.
	Road from Daman to Wápi in British Territory.	3 2,640	.....	3 2,640	2,600	892	
	Total, Surat and Broach Districts ...	16 2,640	.....	16 2,640	.....	...	
	TOTAL, NORTHERN DIVISION ...	16 2,640	.....	16 2,640	.....	...	
	CENTRAL DIVISION.						
Khándesh ...	Neri-Ajantha Road (British territory) ...	17 0	.....	17 0	4,434	1,180	
	Jakria-Barighát Road	2 3,115	.....	2 3,115	12,151	335	
	Total, Khándesh District ...	19 3,115	.....	19 3,115	.....	...	
Násik	Násik and Balsád Road	39 0	.....	39 0	Unknown.	7,893	
	Nánasighát Road	3 1,320	.....	3 1,320	6,570	430	
	Total, Násik District ...	42 1,320	.....	42 1,320	.....	...	
	TOTAL, CENTRAL DIVISION ...	61 4,435	.....	61 4,435	.....	...	

		Southern Division.							
Belgaum	...	Khánápur Railway Station Road	0	2,640	.....	0	2,640	2,088	79
		Gunji do. do.	0	3,960	.....	0	3,960	4,540	90
		Londa do. do.	0	3,960	.....	0	3,960	4,963	134
		Total, Belgaum District ...	2	0	.....	2	0	.....	...
Dhárwár	...	Dhárwár-Goa Road from Dhárwár to Tinaighát on the Goa Frontier	57	3,600	.....	57	3,600	2,681	8,028
		Kárwár-Bellary Road— Section from Hubli to Gadag	34	0	.....	34	0	12,312	5,837
		Total, Dhárwár District ...	91	3,600	.....	91	3,600	.....	...
Ratnágiri and Kolába.		Road from Devgad to Nipáni— Section from Devgad to Dájipur *viâ* Phonda...	41	1,320	.....	41	1,320	2,364	4,045
		Total, Ratnágiri and Kolába District ...	41	1,320	.....	41	1,320	.....	...
		Total, Southern Division ...	134	4,920	.....	134	4,920	.....	...
		TOTAL, 2 (A).—BRIDGED AND DRAINED THROUGHOUT	213	1,435	.....	213	1,435	.....	...
		2.—UNMETALLED ROADS.							
		B.—PARTIALLY BRIDGED AND DRAINED.							
		Northern Division.							
Thána ...	...	Road from Wangaon to Chinchni	.....		6 0	6	0	.....	... In progress as a Famine Relief Work.
		Road from Sanjan to Nargol	.....		9 0	9	0	.....	... Do. do.
		Road from Nanivli and Medwan Khinds ...	11	0	.....	11	0	1,128	866
		Road from Khodala to Mokháda	.....		14 0	14	0	.....	... In progress.
		Road from Váda to Shirghát	31	0	.....	31	0	5,588	4,094
		Road from Manor to Kase (Medhwan to Waroti).	.....		6 2,640	6	2,640	.....	... In progress.
		Total, Thána District ...	42	0	35 2,640	77	2,640	.....	...
		Total, Northern Division ...	42	0	35 2,640	77	2,640	.....	...
		Carried over ...	2,412	2,037	48 6,040	2,461	2,797	.....	...
		Carried over Totals of 1-A and 1-B ...	2,157	602	13 3,400	2,170	4,002	.....	...

PROVINCIAL ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	2,157 602	13 3,400	2,170 4,002	.....	...	
		2,412 2,037	48 6,040	2,461 2,797	.....	...	
	2.—UNMETALLED ROADS —*continued.*						
	B.—PARTIALLY BRIDGED AND DRAINED—*continued.*						
	SOUTHERN DIVISION						
	Road from Shedbal to Athni	.....	21 0	21 0	.....	...	Under construction.
Belgaum ...	Road from Belgaum to Kárwár— Section from Belgaum to Shitavda *vid* Khánápur	35 0	.....	35 0	Unknown	7,222	The road was divided into 2 sections in 1893-94 and therefore the average of 4 years only is given.
	Total, Belgaum District ...	35 0	21 0	56 0	.....	.....	
Dhárwár ...	Hubli-Sholápur Road— Section from Hubli to Konur	40 0	.....	40 0	6,158	6,888	
	Havanur-Ekambi Road (1st section) ...	17 0	.....	17 0	2,437	2,535	
	Anmode-Hemadgi road from Anmode at the head of the Tinaighat to Hemadgi towards Khánápur	6 3,630	.....	6 3,630	Unknown	1,438	
	Kárwár-Bellary Road— Section from Gadag to Hesrur	11 0	.....	11 0	4,653	1 746	
	Nargund Gokak Road	.....	5 1,560	5 1,560	1,966	97	This expenditure is for 1899-1900 only
	Total, Dhárwár District ...	74 3,630	5 1,560	79 5,190	.....	.....	

Kánara ...	Koney-Sea Slope Road at Kárwár... ...	1	2,844	.....	1	2,844	12,079	359
	Road from Sadáshivgad to Goa Frontier ...	5	2,640	.....	5	2,640	1,014	468
	Road from Shitowna to Kárwár *vid* Kadra and Anshi Ghát	52	0	.....	52	0	2,619	6,515
	Road from Yellápur to Ganeshgoody and Barbolly	19	0	.....	19	0	Unknown	746
	Total, Kánara District ...	78	204	.....	78	204	.....	.....
Ratnágiri and Kolába.	Road from Miryabay to Ratnágiri	4	1,700	.....	4	1,700	7,580	615
	Road from Alibág to Kampoli *vid* Dharamtar—							
	Section from Alibág to Dharamtar ...	13	0	.....	13	0	Unknown	3,687
	Road from Pen to Washi	3	2,640	.....	3	2,640	4,646	792
	Road from Dharamtar to Mahád—							
	Section from Dharamtar to Nágothna ...	13	2,640	.....	13	2,640	10,544	2,480
	Road from Pen to Antora	1	3,960	.....	1	3,960	Unknown	274
	Road from Poládpur to Hatkambe—							
	Section from Poládpur on the Mahád Fitzgerald Ghát Road to Hatkambe on the Ratnágiri-Amba Ghát Road	94	2,640	.....	94	2,640	4,070	8,439
	Road from Viziádurg to Phonda near foot of Phonda Ghát	42	0	.....	42	0	Unknown ...	3,128
	Road from Palli to Kasarda—							
	Section from Palli on the Ratnágiri-Ambaghát Road to Kasarda on Viziádurg-Phonda Road	54	0	.....	54	0	Do. ...	6,741
	Road from Mahád to Mahábaleshvar—							
	Section from Mahád to Kineshwar ...	15	0	.....	15	0	Do. ...	2,822
	Do. from Nágothna to Mahád	41	0	.....	41	0	Do. ..	11,330
	Road from Sangameshvar to Sakharpe ...	20	1,320	.....	20	1,320	4,941	3,687
	Road from Ratnágiri to Ambaghát—							
	Section from Ratnágiri to foot of Ambaghat ...	33	0	.....	33	0	Unknown	4,152
	Road from Harnai to Khed *vid* Dápoli ...	25	980	.....	25	980	Do. ..	3,325
	Total, Ratnágiri and Kolába District ...	361	40	.....	361	40	.....	.....
		.....		.....	.....		.....	.....
	Carried over ...	2,960	5,911	75 2,320	3,036	2,951	.....	.....
	Carried over Totals of 1-A., 1-B., and 2-A—Roads	2,370	2,037	13 3,400	2,383	5,437	.....	.....

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought forward	2,370	2,037	13	3,400	2,383	5,437	.....	...	
		2,960	5,911	75	2,320	3,036	2,951	.....	...	
	2.—UNMETALLED ROADS *—continued.*									
	B.—PARTIALLY BRIDGED AND DRAINED—*continued.*									
	SOUTHENRN DIVISION—*continued.*									
Bijápur ...	Road from Sholápur to Hubli— Section from Takli on the River Bhima to Konur on the Malprabha	115	2,640	.....		115	2,640	Unknown	10,037	
	Road from Karád to Bijápur— Section from Tikota to Nágaz	14	2,640	.....		14	2,640	Do.	1,010	
	Total, Bijápur District ...	130	0	.....		130	0	.....	.....	
Sátára	Road from Karád to Bijápur— Section from Karád to Nágaz	59	0	.....		59	0	*.....	9,424	*The original cost of this road cannot be traced.
	Total, Sátára District ...	59	0	.....		59	0	.....	.....	
	TOTAL, SOUTHERN DIVISION ...	737	3,874	26	1,560	764	154	.....	.....	
	CENTRAL DIVISION.									
Poona	Road from 40th mile to 90th mile (Poona-Sholápur Road, Sections II and III)	50	0	.....		50	0	Unknown	†.....	†Included in the average cost on the road from St. Patrick's Church, Poona, to 40th mile-stone.
	Road from Dápuri to 59th mile-stone (Poona-Násik Road)	53	0	.....		53	0	Do.	10,001	
	Total, Poona District ...	103	0	.....		103	0	.....	.....	

Khándesh ...	Dhulia-Surat road from Dhulia to Sakri ...	32	0	.....	32	0	6,994	9,348‡	‡ This includes the cost of repairs to Kondaibarighat Road, miles 48 to 52 and slight repairs to the cleared road from 52 to 86.
	Roads connecting Government buildings at Bhusával...	0	2,640	.....	0	2,640	1,614	267	
	Total, Khándesh District ...	32	2,640	.....	32	2,640	.....	.....	
Ahmednagar ...	Road from Ahmednagar to Pimpalgaon (Nagar-Málegaon Road)	66	0	.....	66	0	4,073	4,194	
	Total, Ahmednagar District ...	66	0	.....	66	0	.....	...	
Sholápur ...	Portion of Poona-Hyderabad Road from Bhima to Tandulwadi	75	0	.....	75	0	4,125	6,238	
	Portion of Sholápur-Bijápur Road from Sholápur to Tákli	19	0	.....	19	0	6,052	2,574	
	Kuslum-Yermalla Road (a branch road to Nizám's frontier)	8	0	.....	8	0	3,125	828	
	Total, Sholápur District ...	102	0	.....	102	0	.....	...	
	TOTAL, CENTRAL DIVISION ...	303	2,640	.....	303	2,640	.....	...	
	TOTAL, 2 (B) PARTIALLY BRIDGED AND DRAINED ...	1,083	1,234	61 4,200	1,145	154	.....	...	
	4.—ROADS BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED.								
	NORTHERN DIVISION.								
Ahmedabad ...	Road from Ahmedabad to Hársol (British Portion)	23	0	.....	23	0	2,609	828	Constructed from Imperial Funds and repaired from Provincial Funds.
	Total, Ahmedabad District ...	23	0	.....	23	0	.....	...	
	TOTAL, NORTHERN DIVISION ...	23	0	.....	23	0	.....	...	

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	4.—ROADS BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED—*continued.*						
	SOUTHERN DIVISION.						
Kánara ...	Road from Karka to Shamzoda	19 0	.....	19 0	Unknown ...	769	
	Hill Road, the junction of wharf road to English church at Kárwár	0 1,954	.....	0 1,954	Do. ...	19	
	Total, Kánara District ...	19 1,954	.....	19 1,954	.....	...	
	TOTAL, SOUTHERN DIVISION ...	19 1,954	.....	19 1,954	.....	...	
	TOTAL 4.—ROADS BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED ...	42 1,954	.....	42 1,954	.....	...	
	5.—ROADS CLEARED, PARTIALLY BRIDGED AND DRAINED.						
	INDUS RIGHT BANK DIVISION.						
Begári Canals ...	Road from Jacobabad to Khaira Garhi ...	32 2,640	.....	32 2,640	Unknown ...	929	
	Total, Begári Canals ...	32 2,640	.....	32 2,640	.....	...	
	TOTAL, INDUS RIGHT BANK DIVISION ...	32 2,640	.....	32 2,640	.....	...	

		CENTRAL DIVISION.								
Khándesh ...	Dhulia-Surat Road from Sakri to Pakhari ...	50	0	.....	50	0	Unknown ...	...	* Included in Dhulia-Surat Road under II (*b*).
	Total, Khándesh District ...	50	0	.....	50	0	.....	...	
	TOTAL, CENTRAL DIVISION ...	50	0	.....	50	0	.....	...	
	TOTAL 5.—ROADS CLEARED, PARTIALLY BRIDGED AND DRAINED...	82	2,610	.....	50	0	.....	...	
	6.—ROADS CLEARED ONLY.								
	SOUTHERN DIVISION.								
Kánara ...	Kundal Ghát approach	9	0	.....	9	0	Unknown ...	489	
	Dhokerpa Ghát approach	7	2,640	.....	7	2,640	Do. ...	296	
	Kuveshi Ghat approach	11	0	.....	11	0	Do. ...	345	
	Diggi Ghát approach	20	2,640	.....	20	2,640	Do. ...	1,309	
	Total, Kánara District ...	48	0	.....	48	0	.....	...	
	TOTAL, SOUTHERN DIVISION ...	48	0	.....	48	0	.....	...	
	CENTRAL DIVISION.								
Poona	Constructing a road from Paud to Bhorcus† ...	.....		.....	.....		.....	...	† Length 12 miles. Work started as a Famine work.
	Do. from Dimbha Khurd to Bhimashankar‡	... ..		.....	.....		.....	...	‡ Length 2½ miles. It is commenced as a Famine work. Expenditure up to 31st March 1900, Rs. 34.
	Total, Poona District ...	.....		.....	.....		.....	...	
Násik	Karanjli-Harsul Road	18	0	.....	18	0	Unknown ...	828	
	Total, Násik District ...	18	0	.....	18	0	.....	...	
Ahmednagar ...	Road from Málegaon to Ambit	11	0	.....	11	0	1,195	578	
	Total, Ahmednagar District ...	11	0	.....	11	0	.....	...	
	Total, Central Division ...	29	0	.....	29	0	.....	...	
	TOTAL 6.—ROADS CLEARED ONLY ...	77	0	.....	77	0	.....	...	
	Total of I-A., 1-B, 2-A, 2-B, 4, 5 & 6	3,655	2,585	124 7,600	3,780	4,905	.....	...	
	Grand Total, Provincial Roads ...	3,655	2,585	124 7,600	3,780	4,905	.....	...	

ABSTRACT OF PROVINCIAL ROADS.

	1.—METALLED ROADS.				2.—UNMETALLED ROADS.				3.—ROADS.		4.—ROADS.		5.—ROADS.		6.—ROADS.	
	A.—BRIDGED AND DRAINED THROUGHOUT.		B.—PARTIALLY BRIDGED AND DRAINED.		A.—BRIDGED AND DRAINED THROUGHOUT.		B.—PARTIALLY BRIDGED AND DRAINED.		BANKED AND SURFACED WITH MURAM OR SIMILAR MATERIAL, BUT NOT DRAINED.		BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED.		CLEARED PARTIALLY, BRIDGED AND DRAINED.		CLEARED ONLY.	
	Length in miles.		Length in miles.		Length in miles.		Length in miles.		Length in miles.		Length in miles.		Length in miles.		Length in miles.	
	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.	Completed.	In progress.
	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.
Northern Division	129 2,073	.....	118 2,640	13 3,400	16 2,640	.....	42 0	35 2,640	.....	.....	23 0	.....	.....	.....	.....	.....
Southern Division	827 2,394	.....	300 3,780	.....	184 4,920	.....	737 3,674	26 1,560	.....	.....	19 1,954	.....	.....	.....	48 0	.....
Central Division	402 1,232	.....	309 2,640	.....	61 4,435	.....	303 2,640	.....	.....	.....	.....	.....	50 0	.....	29 0	.....
Aden	4 1,683	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indus Right Bank Division	.....	.....	5 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	32 2,640	.....	.....	.....
Indus Left Bank Division ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total ...	1,363 2,102	.....	793 3,780	13 3,400	213 1,435	.....	1,083 1,234	61 4,200	.....	.....	42 1,954	.....	82 2,640	.....	77 0	.....

	LENGTH IN MILES.					
	Completed.		In progress.		Total.	
	Ms.	ft.	Ms.	ft.	Ms.	ft.
Imperial Military Roads	29	2,092	.....		29	2,092
Imperial Civil Roads	6	3,970	.....		6	3,970
Provincial Roads 1-A, 1-B, 2-A, 2-B, 4, 5 and 6	3,655	2,585	124	7,600	3,780	4,905

LOCAL FUND ROADS.

Statement showing the Mileage, &c., and Progress of LOCAL FUND ROADS maintained by the Public Works Department in the Bombay Presidency for the year 1899-1900.

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
	1.—METALLED ROADS.	Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	A.—BRIDGED AND DRAINED THROUGHOUT.						
	Northern Division.						
Ahmedabad ...	Road connecting Asarwa Yard with the metalled road to Daryápur Gate	.....	0 3,300	0 3,300	14,097	...	In progress.
	Road from Bávla to near the Sábarmati Railway Station, Ahmedabad	24 0	.....	24 0	4,814	7,986	Constructed from Bávla to Ahmedabad from Imperial Funds, and the remaining portion from Local Funds.
	Road from Sárkhej to Sánand	9 0	.....	9 0	7,572	3,696	
	Road from Sánand Town to Sánand Railway Station	2 2,640	.....	2 2,640	8,857	770	
	Road from Ahmedabad to Báreja	11 0	.....	11 0	10,418	5,346	
	Road from Astodia Gate, Ahmedabad, to Sháhálum, and thence to Chándola Tank, and a branch from Sháhálum to Kankeria ...	2 2,700	.....	2 2,700	8,655	1,349	
	Road from Ahmedabad to Dholka up to mile No. 8	8 0	.....	8 0	4,313	3,273	
	Total, Ahmedabad District ...	57 60	0 3,300	57 3,360	.....	...	
Kaira and Panch Maháls.	Road from Kaira to Mehmadabad, including branch road to Kaira *vid* Camp and the branch to Collector's bungalow	11 1,377	.....	11 1,377	8,936	...	Metal is being collected for improving 2 miles.
	Road from Kaira to Sábarmati river, including branch to Náika from Vásna	14 2,740	.....	14 2,740	6,241	6,452	
	Road from Vásad to Borsad	11 880	.....	11 880	11,140	3,937	
	Road from Páli to Hangádi	5 1,320	.....	5 1,320	Not known	415	Only half mile is metalled and the rest is a cleared track.
	Road from Nadiád to Kapadvanj	27 0	.....	27 0	15,676	7,946	
	Road from Dákor to Kapadvanj	20 2,000	.....	20 2,000	6,723	6,631	

	Road from Bárejri Railway Station to Náika ...	14	1,020	.....	14	1,020	6,857	6,733	
	Road from Limkheda to Jhálod	25	2,640	.....	25	2,640	5,652	5,590	
	Road from Municipal limit to the Railway Station at Dohad	0	3,022	.....	0	3,022	3,843	453	
	Road from Petlád to Cambay (British portion) ...	5	5,052	.....	5	5,052	9,029	...	A culvert near Virsal completed.
	Road Kalol-Jambooghoda	27	0	.....	27	0	2,399	...	Metal collection and earth-work done as Famine work.
	Total, Kaira and Panch Mahals Districts ...	162	4,211	.....	162	4,211	.....	...	
	Surat District.								
	Road from Bilimora to Chikhli (in British Territory)	2	2,640	.....	2	2,640	252	994	Constructed from Provincial and Local Funds in the proportion of 1 to 2. Maintained from Local Funds.
	Road from Olpád to Sahol	.....		9 650	9	650	.....	...	In progress.
	Road from Kim to Turkeshvar and thence to Mándvi	27	0	.....	27	0	10,804	4,446	Constructed and maintained from Local Funds.
	Road from Sachin to Lajpore	3	0	.....	3	0	4,218	1,000	Constructed and maintained from funds provided by the Sachin State.
	Road from Bárdoli Town to Tapti Valley Railway Station of Bárdoli	.....		0 6,790	0	6,790	.....	...	In progress.
	Road from Surat to Sachin (in British Territory).	3	2,640	.....	3	2,640	11,426	3,900	Constructed and maintained from Local Funds.
Surat and Broach	Road from Surat to Sachin (in Sachin State) ...	4	0	.....	4	0	6,253		Constructed and maintained from funds provided by the Sachin State.
	Road from Udváda Railway Station to Udváda village	4	0	.....	4	0	6,445	1,100	Constructed and maintained from funds contributed by Bái Motlábai Jahángirji Wádia of Bombay.
	Road from Bárdoli to Surbhan	5	660	.....	5	660	3,445	921	Constructed and maintained from Local Funds.
	Road from Surat to Bárdoli (within British Territory)	5	1,320	.....	5	1,320	23,701	2,422	Constructed and maintained from Local Funds.
	Total, Surat District ...	54	1,980	10 2,160	64	4,140	.....	...	
	Broach District.								
	Palej Bazár Road	0	600	.....	0	600	3,685	200	Constructed and maintained from Local Funds.
	Road from Anklesvar to Hánsot	13	2,640	.....	13	2,640	16,135	4,985	Do. do.
	Road from Sahol Ilao	1	2,640	.....	1	2,640	3,260	200	Do. do.
	Road from Anklesvar to Borebhata	3	0	.....	3	0	13,093	1,157	Do. do.
	Carried over ...	18	600	.....	18	600	.....	...	

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	18 600	.....	18 600	.....	...	
	1.—METALLED ROADS—*continued.*						
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*						
	Northern Division—*continued.*						
	Road from Derol to Wágra	2 0	.....	2 0	3,442	200	Constructed and maintained from Local Funds.
	Road from Broach to Jambusar	29 0	.....	29 0	27,978	8,430	
	Total, Broach District ...	49 600	.....	49 600	.....	...	
	Total, Surat and Broach Districts ...	103 2,580	10 2,160	113 4,740	.....	...	
Thána	Road from Sanján Station to Bandar	2 2,640	.....	2 2,640	Unknown ...	196	
	Road from Virár to Agáshi	3 2,640	.....	3 2,640	Do. ...	901	
	Road from Bándra to Ghodbandar, including branch road	19 640	.....	19 640	.....	5,519	
	Bridge at Kalva	0 1,420	.....	0 1,420	Unknown ...	370	
	Road from Sopara to Nila	1 1,320	.....	1 1,320	5,370	466	
	Road from Sion to Trombay, including branch road	7 620	.....	7 620	Unknown ...	1,288	
	Road from Bhiwndi to Kone	5 0	.....	5 0	6,717	1,615	
	Road from Vevji to Umbargaon	4 1,980	.....	4 1,980	Unknown ...	1,214	
	Road from Dáhánu Station to Powda Creek ...	1 1,320	.....	1 1,320	7,969	264	
	Road from Kurla to Versova, including branch road	7 4,840	.....	7 4,840	Unknown ...	1,481	
	Road from Ghátkoper to Máhul	6 960	.....	6 960	Do. ...	1,230	
	Pokhran road	4 1,320	.....	4 1,320	1,268	373	
	Road from Chowk to Karjat (Kolába) ...	6 0	.....	6 0	Unknown ...	1,748	
	Total, Thána District ...	68 3,860	.....	68 6,830	.....	...	
	Total, Northern Division ...	392 151	11 180	403 331	.....	...	

		SOUTHERN DIVISION.							
Belgaum	...	Road from Sankeshwar to Hukeri	9	0	.....	9	0	1,654	654
		Road from Dhupdal Railway Station to Gokák Mills	3	1,320	.....	3	1,320	7,778	340
		Total, Belgaum District ...	12	1,320	.....	12	1,320	.....	...
Dhárwár	...	Dhárwár-Haliyál Road between Dhárwár and Mávinkop in Dhárwár Táluka	16	2,640	.....	16	2,640	1,301	4,931
		Motibennur-Byádgi Road	3	0	.....	3	0	2,240	804
		Road between Karajgi and Southern Marátha Railway Station at Karajgi	3	239	.....	3	239	6,553	...
		Total, Dhárwár District ...	22	2,879	.....	22	2,879	.....	...
Ratnágiri and Kolába.		Uran-Karanja Road	4	0	.....	4	0	Unknown ...	1,106
		Total, Ratnágiri and Kolába Districts ...	4	0	.....	4	0	.....	...
Bijápur	...	Bágalkot-Hungund Road	27	2,640	.....	27	2,640	2,437	3,741
		Total, Bijápur District ...	27	2,640	.....	27	2,640	.....	...
Sátára ...	...	Wái-Wáthár Road	18	0	.....	18	0	7,103	5,517
		Sátára-Pádli Road	10	0	.....	10	0	9,209	3,079
		Total, Sátára District ...	28	0	.....	28	0	.....	...
		TOTAL, SOUTHERN DIVISION ...	94	1,559	.....	94	1,559	.....	...
		Carried over ...	486	1,710	11 180	497	1,890	.....	...

Average for 2 years only.
Only 3 years' average.

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought forward ...	486	1,710	11	180	497	1,890	.....	...	
	1.—METALLED ROADS—*continued.*									
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*									
	CENTRAL DIVISION.									
Poona ...	Portion of road from Lakdipul to join Ganesh Khind Road	1	220	.....		1	220	Unknown ...	472	
	Total, Poona District ...	1	220	.....		1	220	.....	...	
Sholápur ...	Jeur-Karmála Road	11	0	.....		11	0	4,917	915	
	Total, Sholápur District ...	11	0	.....		11	0	.....	...	
Násik ...	Roads in and about Násik	2	0	.....		2	0	Unknown ...	279	
	Ambegaon-Nánási Road	.....		1	2,640	1	2,640	.....	100	
	Road from the junction of Násik, Poona Road to Deoláli Camp	4	0	.....		4	0	.....	350	
	Total, Násik District ...	6	0	1	2,640	7	2,640	.....	...	
	TOTAL, CENTRAL DIVISION ...	18	220	1	2,640	19	2,860	.....	...	
	TOTAL, 1.—METALLED ROADS.									
	A.—BRIDGED AND DRAINED THROUGHOUT	504	1,930	12	2,820	516	4,750	.....	...	

1.—METALLED ROADS.

B.—PARTIALLY BRIDGED AND DRAINED.

Northern Division.

Ahmedabad ...	Road from Dhandhuka to Gogo (British portion).	34	0	.....		34	0	*18,980	3,636
	Road from Dhandhuka to Ránpur	18	0	.....		18	0	4,860	2,651
	Total, Ahmedabad District ...	52	0	.....		52	0	.....	...
Kaira and Panch Maháls.	Road, Mehmedabad-Mahuda	11	3,960	.....		11	3,960	2,318	..
	Road, Dohad-Ali Rájpur	.....		15	0	15	0	2,109	...
	Road from Godhra to Dohad, including a branch to Baria from Ashadi	53	0	.....		53	0	12,514	7,670
	Road from Nadiád to Wásna, including Nadiád, Mátar and Ratanpur branches	18	3,628	.....		18	3,628	6,252	6,174
	Road from Godhra to Shera	14	0	.....		14	0	5,244	909
	Road, Dákor-Alina	16	0	.....		16	0	2,441	...
	Road, Agas-Borsad	.....		6	0	6	0	3,309	...
	Total, Kaira and Panch Maháls District ...	113	2,308	21	0	134	2,308	.....	...
Thána	Road from Boisar to Chinchni	7	2,640	.....		7	2,640	Unknown ...	1,795
	Road from Bhayndar to Utan	6	1,320	.....		6	1,320	6,382	1,281
	Road from Ambadi to Vajreshwari	.....		4	4,400	4	4,400	.....	503
	Road from Bhiwndi to Váda	25	2,640	.....		25	2,640	6,162	6,702
	Road from Kalyán to Málsej Ghát	35	2,640	.....		35	2,640	5,926	9,074
	Road from Kurla to Koli Kalyán	0	1,600	.....		0	1,600	Unknown ...	214
	Total, Thána District ...	75	280	4	4,400	79	4,680	.....	...
	Total, Northern Division ...	240	2,588	25	4,400	266	1,708	.....	...
	Carried over ...	744	4,518	38	1,340	783	1,178	.....	...
	Total of 1-A.—Roads ...	504	1,930	12	2,820	516	4,750	.....	...

* This includes the cost of improvements sanctioned by the District Local Boards for a portion of road 6 miles in length from Dhandhuka to Tagdi. Constructed from Imperial Funds, and now repaired from Local Funds.

Undertaken as Famine Works.

Repaired from Provincial Funds.

Undertaken as Famine Works.

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	504 1,930	12 2,820	516 4,750	.....	...	
		744 4,518	38 1,940	783 1,178	.....	...	
	1.—METALLED ROADS—*continued.*						
	B.—PARTIALLY BRIDGED AND DRAINED—*continued.*						
	Southern Division.						
Belgaum ...	Road from Saundatti to Dhárwár	10 0	.....	10 0	6,409	1,375	
	Road from Gokák Mills to Gokák Town, 2nd Section	.....	5 660	5 660	.....	...	
	Total, Belgaum District ...	10 0	5 660	15 660	.....	...	
Dhárwár ...	Dhárwár-Saundatti Road *viâ* Aminbhávi between Dhárwár and Hirebelwadi ...	11 1,320	.....	11 1,320	2,312	3,137	
	Navalgund-Annigeri Road	11 2,640	.....	11 2,640	9,585	2,744	
	Total, Dhárwár District ...	22 3,960	...	22 3,960	.....	...	
Bijápur ...	Ilkal-Hungund Road	8 0	.....	8 0	2,891	1,077*	The average is only for 3 years.
	Guledgudd-Katgeri Road	6 2,640	.....	6 2,640	4,504	756	
	Total, Bijápur District ...	14 2,640	.....	14 2,640	.....	...	

Sátára ...	Wái-Pachwad Road	...	8	0	.....	8	0	1,935	594
	Peth-Sángli Road	...	20	0	.....	20	0	4,795	2,894
	Tásgaon-Ashta Road (station road)	...	6	0	.....	6	0	4,732	1,508
	Total, Sátára District	...	34	0	.....	34	0	.....	...
	TOTAL, SOUTHERN DIVISION	...	81	1,320	5 660	86	1,980	.....	...
	CENTRAL DIVISION.								
Poona ...	Road from Junnar to Náráyangaon	...	9	0	.....	9	0	Unknown ...	1,195
	Road from Poona to Paud ...	...	17	2,640	.....	17	2,640	Do. ...	3,205
	Road from Poona to Alandi ...	...	9	0	.....	9	0	Do. ...	2,038
	Road from Poona to Singhar ...	...	13	0	.....	13	0	Do. ...	2,256
	Total, Poona District	...	48	2,640	.....	48	2,640	.....	...
Ahmednagar ...	Kolar to Bari	...	65	0	.....	65	0	2,670	8,765
	Total, Ahmednagar District	...	65	0	.....	65	0	.....	...
Násik ...	Ghoti-Barighát Road	...	13	1,320	.....	13	1,320	2,767	1,341
	Násik-Trimbak Road	...	18	0	.....	18	0	2,664	2,651
	Total, Násik District	...	31	1,320	.....	31	20	.....	...
	TOTAL, CENTRAL DIVISION	...	144	3,960	.....	144	3,960	.....	...
	TOTAL, 1-B.—PARTIALLY BRIDGED AND DRAINED	...	466	2,588	30 5,060	497	2,368	.....	...
	Carried over	...	970	4,518	43 2,600	1,014	1,838	.....	...
	Carried over Totals of 1-A and 1-B—Roads	...	970	4,518	43 2,600	1,014	1,838	.....	...

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	M.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought forward ...	970	4,518	43	2,600	1,014	1,838	.....	...	
		970	4,518	43	2,600	1,014	1,838	.....	...	
	2.—UNMETALLED ROADS.									
	A.—BRIDGED AND DRAINED THROUGHOUT.									
	Indus Right Bank Division.									
Karachi Canals ...	Road from Gungshai to Baghar Mouth ...	17	660	.....		17	660	Unknown ...	1,855	Handed over to Public Works Department for maintenance in 1894-95.
	Total, Karáchi Canals ...	17	660	.....		17	660	.....	...	
	Northern Division.									
Kaira and Panch Mahals.	Road from Kákal to Jámbughoda	27	0	.....		27	0	971	1,068	
	Total, Kaira and Panch Mahals Districts ...	27	0	.....		27	0	.....	...	
	Surat District.									
Surat and Broach	Road from Bulsár to Dharampur	15	2,640	.....		15	2,640	5,545	3,228	Constructed and maintained from Local Funds.
	Road from Ránder to Bhesan	2	0	.....		2	0	4,710	974	Do. do.
	Road from Ránder to Olpád	8	2,640	.....		8	2,640	10,805	3,939	Do. do.
	Road from Chikhli to Bánsda in British Territory	10	2,640	.....		10	2,640	1,608	3,324	Do. do.
	Road from Bulsár to Párdi *vid* Par River ...	6	2,640	.....		6	2,640	Unknown ...	1,745	Do. do.
	Road from Kentish turning Junction to Gavier.	4	2,640	.....		4	2,640	Do. ...	1,760	Do. do.
	Road from Khim to Sahol	7	0	.....		7	0	Do. ...	700	Do. do.
	Road from Surat Railway Station to Varacha ...	3	2,640	.....		3	2,640	4,984	1,598	Do. do.
	Total, Surat and Broach Districts ...	58	0	.....		58	0	.....	...	

Thána ...	...	Road from Saki to Vihár	3	0	.....	3	0	Unknown ...	551	
		Road from Bhándup to Vihár	2	2,640	.....	2	2,640	Do. ...	90	
		Total, Thána District ...	5	2,640	.....	5	2,640	.....	...	
		TOTAL, NORTHERN DIVISION ...	90	2,640	.....	90	2,640	.....	...	
		SOUTHERN DIVISION.								
Belgaum	...	Road from Nipáni to Mahálingpur ...	53	0	.....	53	0	8,645	6,946	
		Do. Gokák to Hukeri	18	2,640	.....	18	2,640	10,027	2,507	
		Total, Belgaum District ...	71	2,640	.....	71	2,640	.....	...	
Ratnágiri and Kolába.		Road from Alibág to Rewas	15	0	.....	15	0	10,033	2,259	
		Road over Mutholi Khind (section of Indápur and Tale Road)	2	1,655	.....	2	1,655	7,585	397	
		Portion of Pen-Panvel Road between Dusaviford and Kalhe Khind	3	2,640	.....	3	2,640	4,856	1,218	
		Pen-Panvel Road from Kárli Khind to Palaspe ...	5	3,520	.....	5	3,520	8,470		
		Total, Ratnágiri and Kolába Districts ...	26	2,535	.....	26	2,535	.....	...	
		TOTAL, SOUTHERN DIVISION ...	97	5,175	.....	97	5,175	.....	...	
		CENTRAL DIVISION.								
Poona	...	Road from Khandála to Khandála Railway Station.	0	500	.....	0	500	73	63	For three years only.
		Do. Talegaon to Railway Station ...	1	1,320	.....	1	1,320	1,776	220	
		Do. Lonikalbhar to join Sholápur Road ...	0	412	.....	0	412	Unknown.	18	
		Total, Poona District ...	1	2,232	.....	1	2,232	.....	...	
Ahmednagar	...	Road from the village of Belwandi to the Belwandi Station	3	1,320	.....	3	1,320	4,940	174	
		Kopergaon-Signápur Road	2	1,320	.....	2	1,320	4,965	298	
		Ráhuri Station Feeder Road	3	0	.....	3	0	3,545	286	
		Total, Ahmednagar District ...	8	2,640	.....	8	2,640	.....	...	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	.....	.....	.....	.....	...	
		.....	.....	.....	.....	...	
	2.—UNMETALLED ROADS—*contd.*						
	A.—BRIDGED AND DRAINED THROUGHOUT—*continued.*						
	CENTRAL DIVISION—*continued.*						
Násik ...	Shelbarighát Road	3 0	.....	3 0	Not known...	407	
	Total, Násik District ...	3 0	.....	3 0	.....	...	
	TOTAL, CENTRAL DIVISION ...	12 4,872	.....	12 4,872	.....	...	
	TOTAL, II (A) BRIDGED AND DRAINED THROUGHOUT	218 2,787	.....	218 2,787	.....	...	
	2.—UNMETALLED ROADS.						
	B.—PARTIALLY BRIDGED AND DRAINED.						
	NORTHERN DIVISION.						
Kaira and Panch Mahals.	Road from Godhra to Khakhadia, including a branch to the Railway Station	22 2,640	.....	22 2,640	10,146	1,249	
	Road from Orwada *vid* Morwa to Sunth Frontier.	20 0	.....	20 0	3,654	1,165	This road is repaired from Provincial Fund from 1st April 1897.
	Total, Kaira and Panch Mahals District ...	42 2,640	.....	42 2,640	.....	...	

Thána ...	Road from Máhim to Váda	32	0	.....	32	0	2,943	8,447		
	Road from Bassein to Nirmal	4	0	.....	4	0	Unknown ...	997		
	Road from Kalyán to Dahisar	9	0	.....	9	0	3,777	1,576		
	Road from Málád to Merwa	3	2,640	.....	3	2,640	5,739	1,210		
	Road from Kelva to Belápur	7	0	.....	7	0	1,897	925		
	Road from Bhándup to Agra Road ...	0	3,025	.....	0	3,025	Unknown ...	74		
	Road from Thána to Ghodbandar	7	2,640	.....	7	2,640	3,502	558		
	Páwai village Road	2	2,350	.....	2	2,350	Unknown ...	402		
	Road from Pápdi to Satowli Khind ...	5	4,620	.....	5	4,620	Do. ...	2,598		
	Total, Thána District ...	71	4,715	.....	71	4,715	.....	...		
	TOTAL, NORTHERN DIVISION ...	114	2,075	.....	114	2,075	.....	...		
	SOUTHERN DIVISION.									
Belgaum ...	Road from Gokák to Navalgund	45	0	.....	45	0	8,981	5,700		
	Road from Athni to Kágvad	24	0	.....	24	0	Unknown ...	2,859		
	Road from Gotur to Tásgaon	47	0	.....	47	0	Do. ...	3,817		
	Road from Saundatti to Dhárwár	11	2,640	.....	11	2,640	4,328	1,116	} Average of 3 years only.	
	Road from Manoli to Saundatti	6	1,320	.....	6	1,320	5,034	821		
	Road from Kudchi to Terdal	10	3,144	.....	10	3,144	6,310	1,686		
	Total, Belgaum District ...	144	1,824	.....	144	1,824	.....	...		
Dhárwár ...	Harihar-Sámasgi Road	51	1,980	.....	51	1,980	Unknown ...	7,770		
	Byádgi-Havasbhávi Road	10	3,960	.....	10	3,960	2,240	1,925		
	Tadas-Gundi Road	34	3,960	.....	34	3,960	Unknown ...	5,304		
	Masur-Mundergi Road	47	600	.....	47	600	684	6,709	Out of the whole length about 3 miles are unmade.	
	Palla-Bádámi Road	78	1,980	.....	78	1,980	1,971	11,644	The first section of this road from Yelvigi to Bankápur is metalled, bridged and drained.	
		222	1,920	.....	222	1,920	.....	...		
	Carried over ...	1,670	2,564	43 2,600	1,713	5164	.....	...		
	Carried over Totals of 1-A., 1-B., and 2-A., Roads	1,189	2,025	43 2,600	1,232	4,625	.....	...		

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.		In progress.		Total.		Average total cost of construction per mile.	Average annual cost, maintenance and repairs in the last five years.	Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Rs.	Rs.	
	Brought over ...	1,189	2,025	43	2,600	1,232	4,625	.....	...	
		1,670	2,564	43	2,600	1,713	5,164	.....	...	
	2.—UNMETALLED ROADS—*contd.*									
	B.—PARTIALLY BRIDGED AND DRAINED THROUGHOUT—*continued.*									
	Southern Division—*continued.*									
Dhárwár—*continued.*	Dhárwár-Tadas Road	27	600	.....		27	600	1,359	3,686	
	Navalgund-Ron Road...	28	0	.....		28	0	6,470	3,951	
	Road from Harlápur Station to Advisomápur	0	0	11	0	11	0	.....	...	
	Road from Kotumachgi to Gajendragad ...	3	1,650	16	4,149	20	519	.....	...	
	Road from Ron to Gajendragad	.....		16	3,168	16	3,168	.....	...	Under construction.
	Road from Gajendragad to Naregal ...	.....		15	4,149	15	4,149	.....	...	
	Road from Nargund to Mallápur... ...	.....		13	1,675	13	1,675	.....	...	
	Total, Dhárwár District ...	280	4,170	73	2,581	354	1,471	.....	...	
Ratnágiri and Kolába Districts.	Road from Salao to Korlái	2	1,760	.....		2	1,760	2,428	410	
	Road from Pen to Kharapada	7	0	.....		7	0	Unknown ...	1,165	Only four years' average.
	Road from Alibág to Revdanda—Portion from Sákkar to Revdanda ...	8	3,960	.....		8	3,960	2,332	1,603	
	Road from Kálka to Palaspe	2	0	.....		2	0	Unknown ...	179	
	Road from Guhágar to Chikhli	8	0	.....		8	0	2,520	998	Only three years' average.
	Total, Ratnágiri and Kolába Districts ...	28	440	.....		28	440	.....	...	

Bijápur ...	Road from Kerar to Katgeri	9	0	.....	9	0	2,882	719	The average is only for 3 years.
	Road from Mirya Bay to Sindgi *viâ* the Amba-ghát—								
	Section from Bijápur to Sindgi ...	35	2,640	.....	35	2,640	.....	3,811	
	Road from Bijápur to Indi	30	0	.....	30	0	.....	982	Portion from Bijápur to Nagthan only has been in charge of this Department for maintenance.
	Road from Indi to Indi Railway Station ...	3	2,640	.....	3	2,640	3,600	616	
	Muddebihál-Chimalgi Road	19	2,640	.....	19	2,640	4,372	2,800	
	Road from Bijápur to Bágevádi	24	0	.....	24	0	Unknown ...	3,108	Improvements were done by constructing approaches to the Nalla beyond Hithanhalli and to the Begum Tank Nalla.
	Sholápur-Bellari Road—								
	Portion from Indi to Tambe	13	0	.....	13	0	Unknown ...	1,486	The average is only for four years.
	Almel-Pandharpur Road—								
	Portion from Almel to Shirdhon ...	48	0	.....	48	0	.....	1,124	Only portion from Indi to Almel is in charge of this Department for maintenance.
	Total, Bijápur District ...	182	2,640	.....	182	2,640	.....	...	
Sátára ...	Sátára-Pandharpur Road (within the limits of Sátára District)	60	0	.....	60	0	1,277	9,455	
	Sátára-Lonand Road—								
	Portion of old Poona road from Waduth to the Nira river	27	0	.....	27	0	753	2,346	
	Sátára-Tásgaon Road	64	0	.....	64	0	722	5,675	
		151	0	.....	151	0	.....	...	
	Carried over ...	2,090	2,614	116 5,181	2,207	2,515	.....	...	
	Carried over Totals of 1.-A., 1-B., and 2-A., Roads...	1,189	2,025	43 2,600	1,232	4,625	.....	...	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought over ...	1,189 2,025	43 2,600	1,232 4,625	.....	...	
		2,090 2,614	116 5,181	2,207 2,515	.....	...	
	2.—UNMETALLED ROADS—*contd.*						
	B.—PARTIALLY BRIDGED AND DRAINED THROUGHOUT—*continued.*						
	Southern Division—*continued.*						
Sátára—*contd*	Malhárpeth-Pandharpur Road (within the limits of the Sátára District)	54 0	.....	54 0	931	6,535	
	Karád-Tásgaon Road...	35 0	.....	35 0	2,345	4,158	
	Pusegaon-Waduj Road	12 0	.....	12 0	2,264	1,345	
	Total, Sátára District ...	252 0	.....	252 0	.....	...	
	Total, Southern Division ...	887 3,794	73 2,581	961 1,095	.....	...	
	Central Division.						
Poona ...	Road from Hadapsur to Nira bridge (old Sátára Road)	38 4,224	.....	38 4,224	Unknown ...	4,958	
	Road from Wadgaon to Shikarpur ...	33 0	.....	33 0	Do. ...	4,731	
	Road from Pátus to Pátus Railway Station ...	3 1,320	.....	3 1,320	Do. ..	213	
	Road from Bárámati to Khanowta ...	21 0	.....	21 0	Do. ...	1,969	
	Road from Nira bridge to Sirúr	55 3,960	.....	55 3,960	Do. ...	3,838	
	Road from Manchar to Ambegaon ...	18 4,100	.....	18 4,100	3,146	1,877	
	Road from Diksal Railway Station to join Sholápur Road	1 1,320	.....	1 1,320	315	150	

	Road from Lanowli to foot of Sákal-pathar ...	3	0	.....	3	0	Unknown ...	409	
	Road from Loni to Pábul	15	0	.....	15	0	Do. ...	1,414	
	Road from Indápur to Bárámati	31	0	.....	31	0	228	2,232	
	Road from village of Mundwa to the Hadupsar Railway Station	0	3,692	.....	0	3,692	2,990	99	For 2 years.
	Bárámati-Nira Station road	25	0	.....	25	0	3,670	3,029	
	Total, Poona District ..	246	2,776	.....	246	2,776	.....	...	
	Dhulia-Amalner-Chopda Road including Sections from Amalner to Tápti and Tápti to Chopda	38	0	.....	38	0	5,164	3,269	The expenditure on the portion from Amalner to Tápti and on to Chopda has been added since 1898-99.
	Nargaon Railway Station to Bodwad Road ...	3	0	.....	3	0	Unknown ...	50	Average of 2 years only.
	Road from Bhusával to Jalgaon	13	0	.....	13	0	2,600	620	For 3 years only.
	Do. Section Duskheda to Anjala ...	5	0	.....	5	0	4,299	149	For 3 years only.
	Station roads, Dhulia	9	0	.....	9	0	Unknown ...	935	
	Bhusával-Yával Road	10	0	.....	10	0	6,919	2,121	
	Jálgaon-Jámner Road	22	0	.....	22	0	Unknown ...	3,548	
	Jálgaon-Dharangaon Road	20	0	.....	20	0	4,939	3,749	
Khándesh ...	Chálisgaon-Outrámghát Road	12	1,320	.....	12	1,320	19,372	2,411	
	Dhulia-Amalner Road	18	0	.....	18	0	.....	...	Included in Dhulia-Amalner-Chopda Road.
	Dondaicha-Sháháda Road	17	0	.....	17	0	7,135	4,040	
	Erandol-Dharangaon-Chopda Road ...	18	2,640	.....	18	2,640	Unknown ...	3,972	
	Kujgaon-Párola Road...	22	0	.....	22	0	6,004	3,204	
	Mhasavad-Dhulia Road	46	0	.....	46	0	Unknown ...	7,549	
	Páchora-Bhadgaon Road	8	2,640	.....	8	2,640	2,385	1,427	
	Songir-Nandurbár Road	45	0	.....	45	0	5,723	9,882	
	Sakri-Pimpalner Road	13	2,640	.....	13	2,640	5,954	1,860	
	Bhádgaon-Talwáda Road	9	0	.....	9	0	Unknown ...	1,088	
	Amalner-Párola Road	.....		12 0	12	0	.....	...	Under construction.
	Nandurbár-Taloda Road	.....		14 0	14	0	.....	...	Do.
	Sindkheda-Gorana Road	.....		9 0	9	0	.....	...	Do.
	Total, Khándesh District ...	329	3,960	35 0	364	3,960	.....	...	
	Carried forward ...	2,767	4,070	151 5,181	2,919	3,971	.....	...	
	Carried over Totals of I-A, I-B, and II-A Roads	1,189	2,025	43 2,600	1,232	4,625	.....	...	

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
		1,189 2,025	43 2,600	1,232 4,625	.....	...	
	Brought over ...	2,767 4.070	151 5,181	2,919 3,971	.....	...	
		.....	.....	.....	.....	...	
	2.—UNMETALLED ROADS—*contd.*						
	B.—PARTIALLY BRIDGED AND DRAINED THROUHOUT—*continued.*						
	Central Division—*continued.*						
	Násik-Dindori and Kalvan Road	44 0	.....	44 0	4,170	3,783	
	Khándesh and Nizám's Frontier Road ...	82 0	.....	82 0	1,530	6,390	
Násik	Dholbári-Shelbári Road	10 0	.....	10 0	.....	...	In pro gress.
	Násik-Waghad Road	22 0	.....	22 0	Not known...	3,169	
	Nanasighát-Barhe Road	11 0	.....	11 0	2,357	1,275	
	Cherraibari Road	1 0	.....	1 0	Unknown ...	234	
	Total, Náisk District ...	170 0	.....	170 0	.....	...	

Ahmednagar ...	Road from Kohar to Bári	65	0	.....	65	0	2,670	7,853
	Road from Randha to Sámrád	9	0	.....	9	0	3,489	371
	Road from Jamgaon to Kotul	10	0	.....	10	0	2,876	451
	Nagar-Sheogaon Road...	39	0	.....	39	0	Unknown ...	3,198
	Khosipuri-Ismálpur Road	12	0	.....	12	0	5,030	1,326
	Nevása-Sheogaon-Bodhegaon Road ...	39	2,640	.....	39	2,640	1,750	1,734
	Tisgaon-Pathordi Road	7	1,320	.....	7	1,320	3,279	570
	Shendi-Vámbori Road...	8	0	.....	8	0	Unknown ...	2,110
	Rahata-Chitali Road	10	0	.....	10	0	4,435	1,341
	Nevása-Belápur Road	24	0	.....	24	0	6,583	2,157
	Belápur Station feeder Road	4	0	.....	4	0	4,633	429
	Loni-Belápur Road	14	0	.....	14	0	3,574	1,034
	Nagar-Tákli-Khándeshwar Road	40	0	.....	40	0	Unknown ...	2,936
	Nagar-Jámkhed Road	47	0	.....	47	0	Do. ...	1,957
	Jámkhed-Mohoghát Road	5	0	.....	5	0	Do. ...	365
	Pimpri Station feeder Road	7	3,960	.....	7	3,960	2,244	437
	Total, Ahmednagar District ...	341	2,640	.....	341	2,640	.....	...
Sholápur ...	Road from Bársi-road Station to Pandharpur ...	31	0	.....	31	0	3,706	5,642
	Road from Bársi road Station to Tembhurni Road	15	0	.....	15	0	Not known...	1,048
	Total, Sholápur District ...	46	0	.....	46	0	.....	...
	TOTAL, CENTRAL DIVISION ...	1,133	4,096	35 0	1,168	4,096	.....	...
	TOTAL, 2 (B) PARTIALLY BRIDGED AND DRAINED	2,135	4,685	108 2,581	2,244	1,986	.....	...
	3.—ROADS, BANKED AND SURFACED WITH "MURAM" OR SIMILAR MATERIAL, BUT NOT DRAINED.							
	SOUTHERN DIVISION.							
Sátára	Pusesávli-Shingnápur Road	34	0	.....	34	0	168	2,704
	Tásgaon-Pingli Road	45	0	.....	45	0	348	3,799
	Total, Sátára District ...	79	0	.....	79	0	.....	...
	TOTAL, SOUTHERN DIVISION ...	79	0	.....	79	0	.....	...
	Carried over ...	3,404	1,430	151 5,181	3,556	1,331	.....	...

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Totals, 1-A, 1-B, and 2-A, 2-B Brought over...	3,325 1,430	151 5,181	3,477 1,331	.....	...	
		3,404 1,430	151 5,181	3,556 1,331	.....	...	
	3.—ROADS, BANKED AND SURFACED WITH "MURAM" OR SIMILAR MATERIAL, BUT NOT DRAINED. *—continued.*						
	CENTRAL DIVISION.						
Poona	Road from Kárli Railway Station to join Bombay Mail road	1 2,640	.....	1 2,640	691	70	
	Do. Khed to Pábul	12 0	.....	12 0	589	1,235	
	Do. Khed to Bhorgiri	31 0	.....	31 0	Unknown ...	3,539	
	Do. Junnar to Rajur	6 0	.....	6 0	Do. ...	554	
	Do. Yevát Railway Station to join Sholápur Road	1 1,320	.....	1 1,320	475	46	
	Do. Loni to Chándgaon	4 0	.....	4 0	Unknown ...	191	
	Do. Chinchwad to Railway Station ...	1 1,320	.....	1 1,320	Do. ...	95	
	Do. Narayanpur to Kapurwohole ..	7 2,692	.....	7 2,692	782	996	
	Do. Aundh to Shelárwádi	11 0	.....	11 0	Unknown ...	1,055	
	Total, Poona District ...	75 2,692	.....	75 2,692	.....	...	
	Arangaon-Walki Road...	3 0	.....	3 0	Unknown ...	193	
	Shrigonda-Kashti Road	8 0	.....	8 0	Do. ...	438	
	Kharda-Shrigonda Road (from Shrigonda to the Sina river)	34 0	.....	34 0	Do. ...	2,525	

Ahmednagar ...	Karjat-Chincholi Road...	7	0	.....	7	0	Do. ...	509
	Supa-Pimpalgaon Dipa Road	47	0	.....	47	0	Do. ...	3,088
	Supa-Sarola Road	7	0	.....	7	0	Do. ...	466
	Párner-Jamgaon-Tákli Road	12	0	.....	12	0	Do. ...	487
	Párner-Chincholi Road...	5	0	.....	5	0	Do. ...	332
	Total, Ahmednagar District ...	123	0	.....	123	0	.....	...
Sholápur District.	Pandharpur-Janoni Road	41	0	.....	41	0	1,220	3,718
	Sholápur-Bársi Road	42	0	.....	42	0	1,329	2,358
	Mohol-Pandharpur Road	24	0	.....	24	0	Unknown ...	2,021
	Tembhurni-Málsiras Road	25	0	.....	25	0	Do. ...	1,498
	Sholápur-Akalkot Road	14	0	.....	14	0	Do. ...	532
	Total, Sholápur District ...	146	0	.....	146	0	.....	...
Násik District ...	Satána-Málegaon Road...	23	0	.....	23	0	Unknown ...	2,205
	Total, Násik District ...	23	0	.....	23	0	.....	...
	TOTAL, CENTRAL DIVISION ...	367	2,692	.....	367	2,692	.....	...
	TOTAL, 3.—ROADS, BANKED AND SURFACED, &c.	446	2,692	.....	446	2,692	.....	...
	4.—ROADS, BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED.							
	NORTHERN DIVISION.							
	Road from Ahmedabad-Dholka to village of Sahijpur-Gopalpur	0	1,500	.....	0	1,500	9,666	...
Ahmedabad ...	Road from Dholera to Whittle Bandar ...	8	0	.....	8	0	1,664	1,471
	Total, Ahmedabad ...	8	1,500	.....	8	1,500	.....	...
	TOTAL, NORTHERN DIVISION ...	8	1,500	.....	8	1,500	.....	...
	Totals, 1-A, 1-B, 2-A, 2-B and 3 ...	3,780	342	151 5,181	3,932	243	.....	...
	Carried over ...	3,771	4,122	151 5,181	3,923	4,023	.....	...

LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and Names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Brought forward ...	3,771 4,122	151 5,181	3,923 4,023	.....	...	
		3,780 342	151 5,181	3,932 243	.....	...	
	SOUTHERN DIVISION.						
Kánara ...	Hill road from the junction of wharf road to the English church at Kárwár	0 1,954	.....	0 1,954	Unknown ...	18	The road was transferred from Municipality (*vide* Government Resolution No. 12 C. W.—62, dated 15th January, 1897). The original cost is unknown. 1,115 feet of the road were metalled during 1898-99 at a cost of Rs. 140.
	Road from Aminally to Kumta *vid* Nilkund Ghát	32 0	.....	32 0	Do. ...	2,589	
	Do. Yellápur to Kodkoni *vid* Sirsi ...	63 0	.....	63 0	Do ...	5,034	
	Do. Sirsi to Hillur *vid* Waddi Ghát ...	32 2,640	.....	32 2,640	60.	387	This road was retransferred to the Local Board in 1896-97 after spending Rs. 4.
	Do. Siddápur to Nilkund	21 0	.....	21 0	Unknown ...	1,525	
	Do. Ankola to Madras *vid* Mirjan to Kumta...	63 0	.....	63 0	Do. ...	5,064	
	Total, Kánara District ...	211 4,594	.....	211 4,594	.....	...	
	TOTAL, SOUTHERN DIVISION ...	211 4,594	.....	211 4,594	.....	...	
	TOTAL, 4.—ROADS, BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED	220 814	.....	220 814	.....	...	
	5.—ROADS, CLEARED, PARTIALLY BRIDGED AND DRAINED.						
	SOUTHERN DIVISION.						
	Road from Sindgi to Indi, *vid* Almel, 31¾ miles.	.....	.....	.....	.....	...	

Bijápur ...	Road from Huvin-Hippargi to Telgi, *vid* Bágevádi.	.....	19 2,640	19 2,640	Unknown ...	...	Improvements done to the road during the year by completing 12 dips and by collecting and spreading sand in 12 miles.
	Improving Indi-Shirdhon Road, 26½ miles ...	.....	.....	.....	.....	...	
	Road from Indi to Sindgi, *vid* Almel ...	.....	31 3,960	31 3,960	Unknown ...	1,029	
	Horti-Nimbal Road	.....	5 2,640	5 2,640	Do. ...	...	
	Improving Devar-Hippargi-Talikot Road, 30¾ miles.	.....	.....	.....	.....	...	
	Improving Huvin-Hippargi to Talikot Road, 17 miles 3,030 feet.	.....	.....	.....	.....	...	
	Construction road from Bádámi to Mudkavi, 23·86 miles.	.....	27 0	27 0	.....	...	Earth work and muram were in progress by Famine labour.
	Improving road from Telgi to Kolhar, 10 miles.	.....	.....	.....	.....	...	
	Constructing road from Muddebihál to Nalatwad, 12 miles.	.....	.....	.....	.....	...	
	Nimbal-Tadwalga Road	.....	4 0	4 0	.....	...	
	Total, Bijápur District ...	.....	87 3,960	87 3,960	.....	...	
Sátára	Sátára-Parali Road	6 0	.....	6 0	2,344	696	
	Road connecting Shingnápur with Sholápur Road.	7 1,320	.....	7 1,320	Unknown ...	669	
	Do. do. Phaltan Road.	3 1,320	.....	3 1,320	Do. ...	539	
	Improvements to Sátára-Kas Road— Section from Sátára to Yeoteshwar ...	2 0	.....	2 0	2,049	4,097	
	Total, Sátára District ...	18 2,640	.....	18 2,640	.....	...	
	TOTAL, SOUTHERN DIVISION ...	18 2,640	87 3,960	106 1,320	.....	...	
	TOTAL 5.—ROADS, CLEARED, PARTIALLY BRIDGED AND DRAINED ...	18 2,640	87 3,960	106 1,320	.....	...	
	6.—ROADS, CLEARED ONLY.						
	INDUS RIGHT BANK DIVISION.						
Karáchi Canals .	Road from Gharo to Dabheji	6 5,120	.....	6 5,120	Unknown ...	...	
	Road from Kotri to Tháno Bula Khan ...	4 3,960	.....	4 3,960	Do. ...	...	
	Total, Karáchi Canals ...	11 3,800	.....	11 3,800	.....	...	

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LOCAL FUND ROADS—*continued.*

Executive Districts.	Classification and names of Roads.	Length in Miles. Completed.	In progress.	Total.	Average total cost of construction per mile.	Average annual cost of maintenance and repairs in the last five years.	Remarks.
		Ms. ft.	Ms. ft.	Ms. ft.	Rs.	Rs.	
	Brought forward ...	.....	.....	.....	.....	...	
		.....	.....	.....	.....	...	
	6.—ROADS, CLEARED ONLY—*continued.*						
	NORTHERN DIVISION.						
Ahmedabad ...	Road from Sádra to Prántij, including the portion under Mahi Kántha Agency.	.....	7 2,640	7 2,640	591	...	In progress.
	Road from Dholera to Dhandhuka	17 0	.....	17 0	12	...	
	Total, Ahmedabad District ...	17 0	7 2,640	24 2,640	.....	...	
Kaira and Panch Maháls.	Road from Godhra to Páli	16 0	.....	16 0	182	269	
	Road from Páli to Bálásinor	8 1,320	.....	8 1,320	Not known...	415	Only half mile is metalled and the rest is a cleared track.
	Total, Kaira and Panch Maháls District ...	24 1,320	.....	24 1,320	.....	...	
Thána	Kasar-Ghát Road	4 0	.....	4 0	Unknown ...	453	
	Total, Thána District ...	4 0	.....	4 0	.....	...	
	TOTAL, NORTHERN DIVISION ...	45 1,320	7 2,640	52 3,960	.....	...	
	CENTRAL DIVISION.						
Poona ...	Road from Sakalpathar to Bhorcus ...	8 2,640	.....	8 2,640	Unknown ...	255	
	Road from Bhorgiri to Bhimashankar ...	4 2,246	.....	4 2,246	594	199	
	Total, Poona District ...	12 4,886	.....	12 4,886	.....	...	

Ahmednagar ...	Thugaon-Kotul Road	11	0	.....		11	0	Unknown ...	515
	Total, Ahmednagar District ...	11	0	.....		11	0	.....	...
Násik District ...	Harsul Thana and Goldari Road	11	0	.....		11	0	973	801
	Total, Násik District ...	11	0	.....		11	0	.....	...
	TOTAL, CENTRAL DIVISION ...	34	4,886	.....		34	4,886	.....	...
	TOTAL, 6.—ROADS, CLEARED ONLY ...	91	4,726	7	2,640	99	2,086	.....	...
	Totals of 1-A, 1-B, 2-A, 2-B, 3, 4, 5 and 6 ...	4,102	1,742	247	1,221	4,349	2,963	.....	...
	GRAND TOTAL FOR LOCAL ROADS ...	4,102	1,742	247	1,221	4,349	2,963	.....	...

ABSTRACT OF LOCAL FUND ROADS IN CHARGE OF THE PUBLIC WORKS DEPARTMENT.

Classification and names of roads.	Length in miles.				Total.
	Completed.		In progress.		
	A.—Bridged and drained throughout.	B.—Partially bridged and drained.	A.—Bridged and drained throughout.	B.—Partially bridged and drained.	
	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.
1.—Metalled Roads.					
Northern Division	392 151	240 2,588	11 180	25 4,400	669 2,039
Southern do.	94 1,559	81 1,320	...	5 660	180 3,539
Central do.	18 220	144 3,960	1 2,640	...	164 1,510
Aden do.	...	.....	...	...	.....
Indus Right Bank Division ...	...	.....	...	...	.....
Indus Left Bank do. ...	...	.....	...	...	.....
Total ...	504 1,930	466 2,588	12 2,820	30 5,060	1,014 1,838
2.—Unmetalled Roads.					
Northern Division	90 2,640	114 2,075	...	...	204 4,715
Southern do.	97 5,175	887 3,794	...	73 2,581	1,059 990
Central do.	12 4,872	1,133 4,096	...	35 0	1,181 3,688
Aden do.	...	.....	...	...	.....
Indus Right Bank Division ..	17 660	.....	...	...	17 660
Indus Left Bank do. ...	...	.....	...	...	.....
Total ...	218 2,787	2,135 4,685	...	108 2,581	2,462 4,773
Total, A and B ...	3,325	1,430	151	5,181	3,477 1,331
	Completed.		In progress.		
3.—Roads, banked and surfaced with muram or similar material, but not drained.	Ms.	ft.	Ms.	ft.	
Northern Division	.....		.....		.....
Southern do.	79	0	.....		79 0
Central do.	367	2,692	.....		367 2,692
Aden do.	.....		.....		.....
Indus Right Bank Division ...	.....		.....		.....
Indus Left Bank do. ...	.....		.....		.....
Total ...	446	2,692	.....		446 2,692
4.—Roads, banked, but not surfaced, partially bridged and drained.					
Northern Division	8	1,500	.....		8 1,500
Southern do.	211	4,594	.....		211 4,594
Central do.	.....		.....		.....
Aden do.	.....		.....		.....
Indus Right Bank Division ...	.....		.....		.....
Indus Left Bank do. ..	.....		.....		.....
Total ...	220	814	.....		220 814
Carried over Totals, 1, 2, 3 and 4	3,991	4,936	151	5,181	4,143 4,837

Classification and names of roads.	Length in miles.				Total.	
	Completed.		In progress.			
	Ms.	ft.	Ms.	ft.	Ms.	ft.
Brought over ...	3,991	4,936	151	5,181	4,143	4,837
5.—*Roads, cleared, partially bridged and drained.*						
Northern Division	.....		.....		... ..	
Southern do.	18	2,640	87	3,960	105	1,320
Central do.	.....		.....		.....	
Aden do.	.....		.....		.....	
Indus Right Bank Division ...	.....		.....		.....	
Indus Left Bank do. ...	.....		.....		.....	
Total ...	18	2,640	87	3,960	106	1,320
6.—*Roads, cleared only.*						
Northern Division	45	1,320	7	2,640	52	3,960
Southern do.	.....		.....		.....	
Central do.	34	4,886	.....		34	4,886
Aden do.	.....		.....		.....	
Indus Right Bank Division ...	11	3,800	.....		11	3,800
Indus Left Bank do. ...	.....		.....		.....	
Total ...	91	4,726	7	2,640	99	2,086
Grand Total of 1, 2, 3, 4, 5 and 6	4,102	1,742	247	1,221	4,349	2,963

Note.—The Local Fund Roads in Sind are all in the charge of Civil Officers, not the Public Works Department.

APPENDIX E

TO THE ADMINISTRATION REPORT OF CIVIL WORKS FOR THE YEAR 1899-1900.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

Statement showing the Progress made in the Demarcation of Roads under Public Works Agency during the year 1899-1900.

Imperial Military. 2.—Unmetalled Roads. B.—Partially Bridged and Drained.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.			Number of Miles of Roads to be demarcated.	Remarks.
			Up to 31st March 1899.	In 1899-1900.	Total.		
	CENTRAL DIVISION.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Roads to Hill Station and Lines of Military communications.						
	Road between Sásvad and Purandhar	5 4,435	5 3,960	.....	5 3,960	0 475	
	General Cantonment Works.						
Poona District.	Cantonment Roads at Sirúr ...	7 0	.....	.....	.....	7 0	
	Do. at Khandála ...	4 2,640	.....	.....	.....	4 2,640	
	Do. at Purandhar ...	12 297	.....	.....	.....	12 297	
	Total, Poona District ...	29 2,092	5 3,960	.....	5 3,960	23 3,412	
	Total, Central Division ...	29 2,092	5 3,960	.....	5 3,960	23 3,412	
	Total, 2 B—Unmetalled Imperial Military Roads	29 2,092	5 3,960	.....	5 3,960	23 3,412	

Imperial Civil. 1.—Metalled Roads. A.—Bridged and Drained throughout.

	NORTHERN DIVISION.						
Surat & Broach.	Road from Dongri Railway Station to Dhárásna Salt Pans	3 0	3 0	.....	3 0	.....	
	Total, Surat and Broach District...	3 0	3 0	.....	3 0	.....	
Thána ...	Road from Umele to Pápdi ...	1 3,425	1 0	.....	1 0	0 3,425	
	Total, Thána District ...	1 3,425	1 0	.....	1 0	0 3,425	
	Total, Northern Division ...	4 3,425	4 0	.....	4 0	0 3,425	
	Total of 1 A.—Metalled Imperial Civil Roads	4 3,425	4 0	.....	4 0	0 3,425	

I.—Metalled Roads. A.—Bridged and Drained throughout—continued.

	NORTHERN DIVISION.										
Ahmedabad	Extra Municipal Roads, Ahmedabad..	4	2,090	4	2,090	.....		4	2,090	.....	
	Road from foot of overbridge approaches near the Kálupur Gate to junction with road to Camp Ahmedabad	1	3,000	1	3,000	.....		1	3,000	.....	
	Road from Modása to Bibipura ...	18	0	18	0	.....		18	0	.....	
	Road from Dhansura to Harsol ...	13	0	13	0	.....		13	0	.....	
	Road from Harsol to Talod Railway Station	5	2,397	.....		5	2,397	5	2,397	.....	
	Total, Ahmedabad District ...	42	2,207	36	5,090	5	2,397	42	2,207	.....	
Surat and Broach.	Road from Billimora to Chikhli in Gáikwár's Territory	3	2,640	3	2,640	.....		3	2,640	.....	
	Total, Surat and Broach Districts ...	3	2,640	3	2,640	.....		3	2,640	.....	
Kaira and Panch Mahals.	Road from Kapadvanj to Bibipura, including a branch to Ladvel ...	33	0	33	0	.....		33	0	.....	
	Limkheda and Jhálod Road (Provincial portion)	11	0	9	2,640	1	2,640	11	0	.....	
	Total, Kaira and Panch Mahals ...	44	0	42	2,640	1	2,640	44	0	.....	
Thána ...	Road from Ulwa to Campuli ...	13	2,640	11	1,320	.....		11	1,320	2	1,320
	Road from Dharamtar to Campuli...	3	2,640	3	2,640	.....		3	2,640	.....	
	Road from Thána to Panvel ...	10	2,640	.....		.....		.....		10	2,640
	Esplanade Roads, Thána ...	1	4,637	.....		.....		.....		1	4,637
	Total, Thána District ...	29	1,997	14	3,960	.....		14	3,960	14	3,317
	TOTAL, NORTHERN DIVISION ...	119	1,564	97	3,770	6	5,037	104	3,527	14	3,317
	Carried over ...	119	1,564	97	3,770	6	5,037	104	3,527	14	3,317

PROVINCIAL ROADS—*continued.*

I.—Metalled Roads. A.—Bridged and Drained throughout—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	119	1,564	97	3,770	6	5,037	104	3,527	14	3,317	
	CENTRAL DIVISION.											
Poona District	Road from Dapuri to the foot of the Bhor Ghát (Poona-Bombay Road)...	42	0	42	0	.....		42	0	.....		
	Approach road to Deccan Central Jail, Yerrowda	1	1,320	1	1,320	.....		1	1,320	.....		
	Road from Poona to Shirval (new Sátára Road)	26	2,112	26	2,112	.....		26	2,112	.....		
	Roads within Suburban Municipality.	12	4,477	12	4,477	.....		12	4,477	.....		
	Roads within City Municipality ...	1	1,080	1	1,080	.....		1	1,080	.....		
	Roads not included within the Cantonment or Municipal areas ...	10	113	10	113	.....		10	113	.....		
	Total, Poona District ...	93	3,822	93	3,822	.....		93	3,822	.....		
Sholápur ...	Bársi Station, Bársi Town (portion on south side)	21	0	21	0	.....		21	0	.....		
	Cantonment roads at Sholápur ...	4	4	4	4	.....		4	4	.....		Demarcated with stones.
	Total, Sholápur District ...	25	4	25	4	.....		25	4	.....		
Násik ...	Málegaon-Manmád Road ...	21	0	21	0	.....		21	0	.....		
	Bombay-Agra Road	111	2,640	111	2,640	.....		111	2,640	.....		
	Nándgaon-Aurangabad Road ...	11	3,300	11	3,300	.....		11	3,300	.....		
	Manmád and Kopargaon Road ...	20	3,300	20	3,300	.....		20	3,300	.....		
	Total, Násik District ...	164	3,960	164	3,960	.....		164	3,960	.....		
Ahmednagar...	Ahmednagar Poona Road Section from Ahmednagar to the Ghoo River.	31	0	31	0	.....		31	0	.....		
	Total, Ahmednagar District ...	31	0	31	0	.....		31	0	.....		

Khándesh ...	Bombay-Agra Road	70	0	70	0	.....	70	0	.....			
	Dhulia-Chálisgaon Road ...	34	0	34	0	.....	34	0	.....			
	Total, Khándesh District ...	104	0	104	0	.....	104	0	.....			
	TOTAL, CENTRAL DIVISION ...	418	2,506	418	2,506	.....	418	2,506	.....			
	SOUTHERN DIVISION.											
Belgaum ...	Road from Poona to Bangalore—											
	Section from the Várna to the Dudhganga River	28	0	28	0	.....	28	0	.....			
	Section from the Dudhganga to the Dhárwár Frontier	90	0	85	0	.....	85	0	5	0	Completed, excepting 5 miles which do not require demarcation as they pass through Government or State Forests.	
	Road from Belgaum to Vengurla—											
	Section from Belgaum to Amboli at the head of the Parpoli Ghát ...	43	0	30	0	.....	30	0	13	0	Completed, excepting 13 miles which do not require demarcation as they pass through Government or State Forests.	
	Road from Belgaum to Bágalkot—											
	Section from Belgaum to Korkop...	43	0	34	1,320	.....	34	1,320	8	3,960	The length remaining to be demarcated is in the Sángli State and not in charge of this Department.	
	Krishna Bridge Roads ...	3	1,980	3	1,980	.....	3	1,980	.....			
	Total, Belgaum District ...	207	1,980	180	3,300	.....	180	3,300	26	3,960		
Dhárwár ...	Poona-Bangalore Road from Dhárwár District—boundary in mile No. 246 to Harihar	106	3,900	106	3,900	.....	106	3,900	.....			
	Kárwár-Bellary Road—											
	Section from Sangtikop to Hubli...	27	3,300	27	3,300	.....	27	3,300	.....			
	Section from Gadag to Hesrur on the Bellary Frontier ...	29	0	29	0	.....	29	0	.....			
	Karur Railway Station Road ...	0	2,990	0	2,990	.....	0	2,990	.....			
	Baralkod do. ...	0	900	0	900	.....	0	900	.....			
	Nagargalli do. ...	0	2,877	0	2,877	.....	0	2,877	.....			
	Carried over ...	164	3,407	164	3,407	.....	164	3,407	.....			
		745	770	696	4,296	6 5,037	703	4,053	41	1,997		

PROVINCIAL ROADS—*continued.*

I.—Metalled Roads. A.—Bridged and drained throughout—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated. Up to 31st March 1899.		In 1899-1900.		Total.		Number of Miles of Roads to be demarcated.		Remarks.
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft	
	Brought forward ...	745	770	696	4,296	6	5,037	703	4,053	41	1,997	
		164	3,407	164	3,407	.....		164	3,407	.....		
	SOUTHERN DIVISION—*continued.*											
Dhárwár—*continued.*	Mugad Railway Station Road ...	0	600	0	600	.....		0	600	.....		
	Dhárwár do. ...	0	4,900	0	4,900	.....		0	4,900	.....		
	Dundur do. ...	1	660	1	660	.....		1	660	.....		
	Hulkoti do. ...	0	3,300	0	3,300	.....		0	3,300	.....		
	Hubli-Kumta Road from Trimalkop on the Poona-Bangalore Road to Wadgatti on the Dhárwár Frontier.	11	1,980	9	1,980	2	0	11	1,980	.....		
	Total, Dhárwár District ...	178	4,287	176	4,287	2	0	178	4,287	.....		
Ratnágiri and Kolába.	Road from Karád to Chiplun— Section from Kumbharli Ghát to Chiplún	14	1,664	14	1,664	.....		14	1,664	.....		
	Road from Ratnágiri to Ambaghát— Section over Ambaghát ...	9	1,760	7	1,760	.....		7	1,760	2	0	
	Road from Mahapral to Shirwal— Section from Mahapral on the Bánkoti River to Bhor State boundary	14	2,640	14	2,640	.....		14	2,640	.....		
	Road from Alibág to Campoli *viâ* Dharamtar— Section from Dharamtar to Campoli	20	660	20	660	.....		20	660	.....		
	Road from Bombay to Poona— Section from Ulwa to Chowk ...	16	0	16	0	.....		16	0	.....		

Ratnágiri and Kolába —*continued.*	Roads near Panvel—											
	Section from Panvel to Uran ...	9	1,320	9	1,320	.....	9	1,320	.....			
	Do. from Panvel to Jessai ...	6	3,300	6	3,300	.....	6	3,300	.....			
	Belgaum-Vengorla Road—											
	Section from Amboli to Vengurla .	35	0	.....		.....	.....			35	0	
	Total, Ratnágiri and Kolába Districts.	125	784	88	784	.....	88	784		37	0	
Kánara ...	Road from Sangtikop to Kárwár *vid* Arbail Ghát	74	3,960	18	5,252	.....	18	5,252		55	3,988	55 miles 3,988 feet are not required to be demarcated as they run through Government Forests.
	Road from Kárwár to Kodibag ...	2	2,640	1	4,839	.....	1	4,839		0	3,081	3,081 feet do. do.
	Road from Haliyál to Belgaum frontier up to Linganmath ...	9	0	8	970	.....	8	970		0	4,310	4,310 feet do. do.
	Road from Koney to the Kodibag Road *vid* Jail at Kárwár ...	1	2,490	0	2,640	.....	0	2,640		0	5,130	5,130 feet do. do.
	Road from Junction of Udlur deviation near Balleguli to Ankola ...	3	3,960	2	210	.....	2	210		1	3,750	1 mile 3,750 feet do.
	Road from Haliyál to Mavinkop ...	4	2,640	2	1,620	.....	2	1,620		2	1,020	2 miles 1,020 feet do.
	Total, Kánara District ...	95	5,130	33	4,971	.....	33	4,971		62	159	
Sátára ...	Surul-Mahábaleshvar Road ...	26	2,640	24	0	.....	24	0		2	2,640	
	Road from Karád to Chiplun—											
	Section from Karád to the foot of the Kumbhárli Ghát ...	46	0	42	0	.....	42	0		4	0	
	Road from Sátára to Shendra ...	4	0	3	0	.....	3	0		1	0	
	Poona-Bangalore Road—											
	Section from Nira River to Warna.	100	0	16	0	.....	16	0		84	0	
	Mahapral to Pandharpur—											
	Section from Shirwál to Lonand ...	18	0	2	0	.....	2	0		16	0	
	Karád-Bijápur Road—											
	Section from Karád to Náguz ...	59	0	59	0	.....	59	0		.....		
	Total, Sátára District ...	253	2,640	146	0	.....	146	0		107	2,640	
	Carried over ...	1,398	3,051	1,141	3,778	5,037	1,150	3,535		247	4,796	

PROVINCIAL ROADS—*continued.*

I.—Metalled Roads. A.—Bridged and Drained throughout—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,398	3,051	1,141	3,778	8	5,037	1,150	3,535	247	4,796	
	SOUTHERN DIVISION—*concluded.*											
Bijápur ...	Road from Belgaum to Bágalkot—Section from Kajidoni to Bágalkot.	18	1,980	18	1,980	.....		18	1,980	.....		
	Total, Bijápur District ...	18	19,80	18	1,980	.....		18	1,980	.....		
	Total, Southern Division ...	879	961	643	4,762	2	0	645	4,762	233	1,479	
	ADEN.											
Aden ...	Shaik Othman Road from Barrier Gate at Isthmus to Cantonment boundary	2	4,044	2	4,044	.....		2	4,044	.....		
	Branch Road from mileage O. C. 140 on Shaik Othman Road to Khor...	1	2,919	1	2,919	.....		1	2,919	.....		
	TOTAL, ADEN DISTRICT ...	4	1,683	4	1,683	.....		4	1,683	.....		
	TOTAL (I) METALLED ROADS.											
	A.—BRIDGED AND DRAINED THROUGHOUT	1,421	1,434	1,164	2,161	8	5,037	1,173	1,918	247	4,796	

	INDUS RIGHT BANK DIVISION.											
Western Nára...	Bagotora Road	5	0	5	0	.....		5	0	.....		
	Total, Western Nára ...	5	0	5	0	.....		5	0	.....		
	Total, Indus Right Bank Division...	5	0	5	0	.....		5	0	.....		
	NORTHERN DIVISION.											
Thána ...	Road from Neral to Mátherán ...	7	2,640	6	0	.....		6	0	1	2,640	
	Bombay-Agra Road portion from Kurla to Kására	*65	2,640	30	0	.....		30	0	35	2,640	* In addition to this 2 miles of the road are in charge of the Thána Municipality and half a mile over the creek at Kolsett.
	Road from Dáhánu to Jawhár ...	27	0	27	0	.....		†27	0	.....		† Six miles have been demarcated with stones.
	Sátawli Khind Road...	2	0	2	0	.....		2	0	.....		
	Total, Thána District ...	102	0	65	0	.....		65	0	37	0	
	Total, Northern Division ...	102	0	65	0	.....		65	0	37	0	
	SOUTHERN DIVISION.											
Belgaum ...	Road from Khánápur to Yellápur—Section from Khánápur to Linganmath	22	0	22	0	.....		22	0	.....		
	Total, Belgaum District ...	22	0	22	0	.....		22	0	.....		
Dhárwár ...	Hávanur-Ekambi Road—Section from Hávanur to Sámasgi on Dhárwár Frontier... ...	50	1,320	50	1,320	.....		50	1,320	.....		
	Total, Dhárwár District ...	50	1,320	50	1,320	.....		50	1,320	.....		
Kánara ...	Road from Ekambi to Sámasgi ...	6	2,640	0	4,700	.....		0	4,700	5	3,220	Out of this 5 miles 3,220 ft. are not required to be demarcated as they run through Government Forests.
	Road from Palla to Bankápur ...	2	2,640	.....		.....		.....		2	2,640	2 miles 2,640 ft. do. do.
	Road from Koney Bridge to Shezwad	2	3,780	2	3,008	.....		2	3,008	0	772	772 ft. do. do.
		11	3,780	3	2,428	.....		3	2,428	8	1,352	
	Carried over ...	1,600	2,754	1,306	3,481	8	5,037	1,315	3,238	284	4,796	
	Carried over Total of 1 (A)...	1,421	1,434	1,164	2,161	8	5,037	1,173	1,918	247	4,796	

PROVINCIAL ROADS—*continued.*

I.—Metalled Roads. B.—Partially Bridged and Drained—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
		1,421	1,434	1,164	2,161	8	3,037	1,173	1,918	247	4,796	
	Brought forward ...	1,600	2754	1,306	3,481	8	5,037	1,315	3.238	284	4,796	
		11	3,780	3	2,428	.....		3	2,428	8	1,352	
	SOUTHERN DIVISION—*continued.*											
	Road from Katgal to the bank of Tadri River	1	0	0	2,105	.....		0	2,105	0	3,175	Out of this 3,175 ft. are not required to be demarcated as they run through Government Forests.
	Road from Dhárwár Frontier near Wadgatti to Kumta, *vid* Sirsi ...	78	2,640	9	696	.....		9	696	69	1,944	69 miles 1,944 ft. do. do.
	Road from Gersappa to Falls and Talguppa	25	0	0	2,535	.....		0	2,535	24	2,745	24 miles 2,745 ft. do. do.
Kánara—*continued.*	Road from Yellápur to Bankápur, *vid* Mundgod	29	0	3	836	.....		3	836	25	4,444	25 miles 4,444 ft. do. do.
	Road from Sánikatta to Hebal ...	18	0	7	1,345	.....		7	1,345	10	3,935	10 miles 3,935 ft. do. do.
	Road from Haliyál to Supa ...	20	2,640	2	3,635	.....		2	3,635	17	4,285	17 miles 4,285 ft. do. do.
	Road from Sirsi to Shimoga, *vid* Banvási	19	1,320	5	4,772	.....		5	4,772	13	1,828	13 miles 1,828 ft. do. do.
	Road from Yellápur to Haliyál ...	27	0	5	4,850	.....		5	4,850	21	430	21 miles 430 ft. do. do.
	Total, Kánara District ...	229	5,100	38	2,082	.....		38	2,082	191	3,018	
Sátára ...	Road from Mahábaleshvar to Sátára.	33	0	25	0	.....		25	0	8	0	
	Total, Sátára District ...	33	0	25	0	.....		25	0	8	0	
Bijápur ...	Road from Bijápur to Miraj—Section from Bijápur to Honwad...	24	3,300	24	850	.....		24	850	0	2,450	
	Total, Bijápur District ...	24	3,300	24	850	.....		24	850	0	2,450	
	TOTAL, SOUTHERN DIVISION ...	359	4,440	159	4,252	.....		159	4,252	200	188	

	CENTRAL DIVISION.											
Ahmednagar	Násik-Poona Road, Section from Nándur-Shingota to Ali Khind ...	37	0	6	0	31	0	37	0	.....		Completed.
	Road from Ahmednagar to Dhond...	46	0	46	0	.....		46	0	.....		
	Do. from Imámpur Ghát to Toka .	27	0	27	0	.....		27	0	.....		
	Do. Ahmednagar to Paithan ...	52	0	52	0	.....		52	0	.....		
	Total, Ahmednagar District ...	162	0	131	0	31	0	162	0	.....		
Poona ...	Road from FitzGerald Bridge, Poona to Sirur (Poona-Ahmednagar Road).	41	0	41	0	.....		41	0	.....		By boundary and furlong stones.
	Road from St. Patrick's Church, Poona, to 40th mile-stone (Poona-Sholápur Road, Section 1) ...	37	2,640	37	2,640	.....		37	2,640	.....		24 miles by stone boundaries, 13½ by aloe fencing.
	Total, Poona District ...	78	2,640	78	2,640	.....		78	2,640	.....		
Sholápur ...	Bársi-Yedsi Road	20	0	18	0	.....		18	0	2*	0	* This portion is within the Bársi Municipal limits, and will be taken in hand when funds are available. Other portion has been demarcated with stones. Demarcated with earthen mounds.
	Yedsi-Tadwal Road	8	0	8	0	.....		8	0	.....		
	Total, Sholápur District ...	28	0	26	0	.....		26	0	2	0	
Násik ...	Násik-Poona Road	52	2,640	33	0	19	2,640	52	2,640	.....		
	Satighát Road	5	0	5	0	.....		5	0	.....		
	Satighát-Harsul Road	2	0	.....		.....		.....		2	0	
	Total, Násik District ...	59	2,640	38	0	19	2,640	57	2,640	2	0	
	TOTAL, CENTRAL DIVISION ...	328	0	273	2,640	50	2,640	324	0	4	0	
	Total, 1—Metalled Roads. B.—Partially bridged and drained ...	794	4,440	503	1,612	50	2,640	553	4,252	241	188	
	2.—Unmetalled Roads. A.—Bridged and drained throughout.											
Surat and Broach.	NORTHERN DIVISION.											
	Road from Párdi to Chival	13	0	13	0	.....		13	0	.....		
	Do. from Daman to Wápi in British Territory	3	2,640	3	2,640	.....		3	2,640	.....		
	Total, Surat and Broach Districts...	16	2,640	16	2,640	.....		16	2,640	.....		
	TOTAL, NORTHERN DIVISION ...	16	2,640	16	2,640	.....		16	2,640	.....		
	Carried over ...	2,232	3,234	1,684	1,133	59	2,397	1,743	3,530	488	4,984	
	Carried over Totals of 1 (A) & 1(B).	2,216	594	1,667	3,773	59	2,397	1,727	890	488	4,984	

PROVINCIAL ROADS—*continued.*

2.—Unmetalled Roads. A.—Bridged and drained throughout—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	2,216	594	1,667	3,773	59	2,397	1,727	890	488	4,984	
		2,232	3,234	1,684	1,133	59	2,397	1,743	3,530	488	4,984	
	SOUTHERN DIVISION.											
Dhárwár ...	Road from Dhárwár to Goa— Section from Dhárwár to Tinaighát on the Goa Frontier ...	57	3,600	54	0	.....		54	0	3	3,600	
	Kárwár-Bellary Road— Section from Hubli to Gadag ...	34	0	34	0	.....		34	0	.....		
	Total, Dhárwár District ...	91	3,600	88	0	.....		88	0	3	3,600	
Ratnágiri and Kolába.	Road from Devgad to Nipáni— Section from Devgad to Dájipur *viâ* Phonda	41	1,320	41	0	0	1,320	41	1,320	.....		
	Road from Mirya Bay to Ratnágiri .	4	1,700	1	1,700	.....		1	1,700	3	0	
	Road from Alibág to Campoli *viâ* Dharamtar— Section from Alibág to Dharamtar.	13	0	13	0	.....		13	0	.....		
	Section from Pen to Antora ...	1	3,960	1	3,960	.....		1	3,960	.....		
	Road from Pen to Washi ...	3	2,640	3	2,640	.....		3	2,640	.....		
	Road from Dharamtar to Mahád— Section from Dharamtar to Nágothna	13	2,640	13	2,640	.....		13	2,640	.....		
	Total, Ratnágiri and Kolába Districts	77	1,700	74	380	0	1,320	74	1,700	3	0	
	Total, Southern Division ...	169	20	162	380	0	1,320	162	1,700	6	3,600	

	CENTRAL DIVISION.											
Násik ...	Nánasighát Road	4	0	4	0	.....		4	0	.....		
	Násik-Balsád Road	39	0	35	0	.....		35	0	4	0	
	Total, Násik District ...	43	0	39	0	.....		39	0	4	0	
Khándesh ...	Roads connecting Government Buildings at Bhusával	1	0	1	0	.....		1	0	.....		
	Jakria-Barighát Road ...	2	4	2	4	.....		2	4	.....		
	Total, Khándesh District ...	3	4	3	4	.....		3	4	.....		
	Total, Central Division ...	46	4	42	4	.....		42	4	4	0	
	TOTAL OF 2 (A)—BRIDGED AND DRAINED THROUGHOUT ...	231	2,664	220	3,024	0	1,320	220	4,344	10	3,600	
	2.—Unmetalled Roads. B.—Partially bridged and drained.											
	NORTHERN DIVISION.											
	Road from Wangaon to Chinchni ...	6	0	.....		5	0	5	0	1	0	In progress length not determined. Undertaken as a Famine Relief Work.
Thána ...	Road through Naniwli and Medwan Khinds	11	0	10	0	.....		10	0	1	0	
	Road from Váda to Shirghát ...	*31	0	30	0	.....		30	0	1	0	* Including 1 mile branch road to Suryámal.
	Road from Khodála to Mokháda ...	14	0	.....		14	0	14	0	.....		In progress length not yet settled.
	Do. Manor to Kase (Medwan to Waroti)	†6	2,640	.....		1	0	1	0	5	2,640	Do. do. † 0 2,640 demarcated with stones.
	Road from Sanjan to Nargol ...	9	0	.....		6	0	6	0	3	0	In progress length not determined. Undertaken as a Famine Relief Work.
	Total, Thána District ...	77	2,640	40	0	26	0	66	0	11	2,640	
	TOTAL, NORTHERN DIVISION ...	77	2,640	40	0	26	0	66	0	11	2,640	
	Carried over ...	2,525	618	1,928	1,517	85	3,717	2,013	5,234	511	664	
	Carried over Totals of 1 (A), 1 (B) and 2 (A)	2,447	3,258	1,888	1,517	59	3,717	1,947	5,234	499	3,304	

PROVINCIAL ROAD—*continued.*

2.—Unmetalled Roads. B.—Partially bridged and drained—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	2,447	3,258	1,888	1,517	59	3,717	1,947	5,234	499	3,304	
		2,525	618	1,928	1,517	85	3,717	2,013	5,234	511	664	
	SOUTHERN DIVISION.											
Belgaum ...	Road from Belgaum to Kárwár—Section from Belgaum to Shitavda *vid* Khánápur	35	0	14	0	.....		14	0	21	0	Completed, excepting 21 miles which do not require demarcation as they run through Government Forests.
	Total, Belgaum District ...	35	0	14	0	.....		14	0	21	0	
Dhárwár ...	Hubli-Sholápur Road—Section from Konur to Hubli ...	40	0	40	0	.....		40	0	.....		
	Anmad-Hemadgi Road from Anmad at the head of the Tinaighát to Hemadgi towards Khánápur ...	6	3,630	6	3,630	.....		6	3,630	.....		
	Gokák-Nargund Road	5	1,560	.....		.....		.....		5	1,560	
	Total, Dhárwár District ...	51	5,190	46	3,630	.....		46	3,630	5	1,560	

Ratnágiri and Kolába.	Road from Poládpur to Hátkhámbe—											
	Section from Poládpur on the Mahád FitzGerald Ghát Road to Hátkhámbe on the Ratnágiri-Ambághát Road	94	2,640	66	4,690	.....		66	4,690	27	3,230	
	Road from Viziádurg to Phonda near foot of Phondághát	42	0	34	1,980	.....		34	1,980	7	3,300	
	Road from Palli to Kasarde—											
	Section from Palli on the Ratnágiri-Ambághát Road to Kasarde on the Viziádurg-Phonda Road	54	0	42	4,600	.....		42	4,600	11	680	
	Road from Mahád to Mahábleshvar—											
	Section from Mahád to Kineshwar	15	0	15	0	.....		15	0	.....		
	Road from Dharamtar to Mahád—											
	Section from Nágothna to Mahád.	41	0	41	0	.....		41	0	.....		
	Road from Sangameshwar to Sákharpe	19	4,000	6	0	.....		6	0	13	4,000	
	Road from Ratnágiri to Ambághát—											
	Section from Ratnágiri to foot of Ambághát	33	0	10	0	.....		10	0	23	0	
	Road from Harnai to Khed *vid* Dápoli...	25	980	19	0	.....		19	0	6	980	
	Total, Ratnágiri and Kolába District	324	2,340	235	710	.....		235	710	89	1,630	
Kánara ...	Road from Sadáshivgad to Goa Frontier	5	2,640	4	3,420	.....		4	3,420	0	4,500	4,500 feet are not required to be demarcated as they run through Government Forests.
	Road from Shitavde to Kárwár *vid* Kadra and Anshi Ghát	52	0	2	2,710	.....		2	2,710	49	2,570	49 miles 2,570 feet do.
	Road from Yellápur to Ganeshgudi and Barboli	19	0	0	1,710	.....		0	1,710	18	3,570	18 „ 3,570 „ do.
	Koney Sea slope Road at Kárwár ...	1	2,844	0	2,470	.....		0	2470	1	374	1 „ 374 „ do.
	Total, Kánara District ...	78	204	7	5,030	.....		7	5,030	70	454	
	Carried over ...	3,014	3,072	2,232	327	85	3,717	2,317	4,044	696	4,308	
	Totals of 1 (A), 1 (B) & 2 (A) ...	2,447	3,258	1,888	1,517	59	3,717	1,947	5,234	499	3,304	

PROVINCIAL ROADS—*continued.*

2.—Unmetalled Roads. B.—Partially bridged and drained.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	2,447	3,258	1,888	1,517	59	3,717	1,947	5,234	499	3,304	
		3,014	3,072	2,232	327	85	3,717	2,317	4,044	696	4,308	
Bijápur ...	Road from Sholápur to Hubli—Section from Tákli on the River Bhima to Konur on the River Malaprabha	115	2,640	93	2,640	5	0	98	2,640	17	0	
	Road from Karád to Bijápur—Section from Nagaz to Tikota ...	14	2,640	14	2,640	.....		14	2,640	.....		
	Total, Bijápur District ...	130	0	108	0	5	0	113	0	17	0	
	Total, Southern Division ...	619	2,454	411	4,090	5	0	416	4,090	202	3,644	
	CENTRAL DIVISION.											
Poona ...	Poona-Sholápur Road, 40 to 90 mile (Sections II and III)	50	0	50	0	.....		50	0	.....		41 miles by stone boundaries and 9 miles by aloe fencing.
	Road from Dápuri to 59 mile stone (Poona-Násik Road)	53	0	53	0	.....		53	0	.....		By boundaries and furlong stones.
	Total, Poona District ...	103	0	103	0	.....		103	0	.....		

Sholápur ...	Poona-Hyderábad Road from River Bhima to Tándulvádi ...	75	0	75	0	.....	75	0	.....		
	Sholápur-Bijápur Road, from Sholápur to Tákli	20	0	20	0	.....	20	0	.....	}	Demarcated with stones.
	Kuslamb-Yermala Road ...	8	0	8	0	.....	8	0	.....		
	Total, Sholápur District ...	103	0	103	0	.....	103	0	.....		
Ahmednagar ...	Road from Ahmednagar to Pimpalgaon (Ahmednagar-Málegaon Road)	66	0	35	0	.....	35	0	31	0	The second section of this road north of Kolhar has not been demarcated. This is now being done by famine labour.
	Total, Ahmednagar District ...	66	0	35	0	.....	35	0	31	0	
Khándesh ...	Dhulia-Surat Road	86	0	44	0	.....	44	0	42	0	
	Neri-Ajanta Road	16	2	16	2	.....	16	2	.....		
	Total, Khándesh District ...	102	2	60	2	.....	60	2	42	0	
	Total, Central Division ...	374	2	301	2	.....	301	2	73	0	
	Total of 2 (B) Partially Bridged and Drained	1,070	5,096	752	4,092	31	0	783	4,092	287	1,004
	Carried over ...	3,518	3,074	2,641	329	90	3,717	2,731	4,046	786	4,308
	Totals of 1 (A), 1 (B), 2 (A) and 2 (B)	3,518	3,074	2,641	329	90	3,717	2,731	4,046	786	4,308

PROVINCIAL ROADS—*continued.*

4.—Roads banked but not surfaced, partially bridged and drained.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.			Number of Miles of Roads to be demarcated.	Remarks.
			Up to 31st March 1899.	In 1899-1900.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Brought forward ...	3,518 3,074	2,641 329	90 3,717	2,731 4,046	786 4,308	
		3,518 3,074	2,641 329	90 3,717	2,731 4,046	786 4,308	
	SOUTHERN DIVISION.						
Kánara ...	Road from Karka to Shamzoda ...	19 0	0 3,800	.....	0 3,800	18 1,480	18 miles and 1,480 feet are not required to be demarcated as they run through Government Forests.
	Hill Road from the junction of Wharf road to the English Church at Kárwár	0 1,954	.....	.....	.....	0 1,954	1954 feet do. do.
	Total, Kánara District ...	19 1,954	0 3,800	.....	0 3,800	18 3,434	
	TOTAL, SOUTHERN DIVISION ...	19 1,954	0 3,800	.....	0 3,800	18 3,434	
	TOTAL, (4) ROADS BANKED BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED	19 1,954	0 3,800	.....	0 3,800	18 3,434	

6.—Roads cleared only.

	CENTRAL DIVISION.										
Násik ...	Karanjali-Harsul Road	18	0	3	0	.....		3	0	15	0
	Total, Násik District ...	18	0	3	0	.....		3	0	15	0
Ahmednagar ...	Málegaon-Ambit Road	11	0	11	0	.....		11	0	.....	
	Total, Ahmednagar District ...	11	0	11	0	.....		11	0	.....	
	Total, Central Division ...	29	0	14	0	.....		14	0	15	0
	INDUS RIGHT BANK DIVISION.										
Begári Canals...	Road from Jacobabad to Khaira Garhi	32	2,640	32	2,640	.....		32	2,640	.....	
	TOTAL, INDUS RIGHT BANK DIVISION.	32	2,640	32	2,640	.....		32	2,640	.....	
	Carried over ...	3,599	2,388	2,688	1,489	90	3,717	2,778	5,206	820	2,462
	TOTALS OF 1 (A), 1 (B), 2 (A), 2 (B), AND 4	3,537	5,028	2,641	4,129	90	3,717	2,732	2,566	805	2,462

PROVINCIAL ROADS—*concluded.*

6.—Roads, Cleared only—concluded.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.			Number of Miles of Roads to be demarcated.	Remarks.
			Up to 31st March 1899.	In 1899-1900.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Brought forward ...	3,537 5,028	2,641 4,129	90 3,717	2,732 2,566	805 2,462	
		3,599 2,388	2,688 1,489	90 3,717	2,778 5,206	820 2,462	
	SOUTHERN DIVISION.						
Kánara ...	Kundal Ghát approach... ...	9 0	.....	.....	.....	9 0	These are not required to be demarcated as they run through Government Forests.
	Dhokerpa Ghát do.	7 2,640	.....	.....	.....	7 2,640	
	Kuveshi Ghát do.	11 0	.....	.....	.....	11 0	
	Diggy Ghát do.	20 2,640	.....	.....	.....	20 2,640	
	Total, Kánara District ...	48 0	.....	.....	.....	48 0	
	Total, Southern Division ...	48 0	.....	.....	.....	48 0	
	TOTAL, 6 ROADS, CLEARED ONLY ...	109 2,640	46 2,640	.....	46 2,640	63 0	
	TOTALS OF 1(A), 1 (B), 2 (A), 2(B), 4 AND 6	3,647 2,388	2,688 1,489	90 3,717	2,778 5,206	868 2,462	
	GRAND TOTAL, PROVINCIAL ROADS	3,647 2,388	2,688 1,489	90 3,717	2,778 5,206	868 2,462	

LOCAL FUND ROADS.

Local. I.—Metalled Roads and Drained throughout.

	NORTHERN DIVISION.										
Ahmedabad...	Road connecting the Asarwa yard with metalled road to Daryapur gate.	0	3,300	.....		.....	.....			0 3,300	
	Ahmedabad to Bareja Road ...	11	0	11	0	.....	11	0	.....		
	Road from Bowla to near Sábarmati Railway Station, Ahmedabad ...	24	0	24	0	.....	24	0	.....		
	Road from Sarkhej to Sánand	9	0	9	0	.....	9	0	.....		
	Road from Sánand Town to the Sánand Railway Station ...	2	2,640	2	2,640	.....	2	2,640	.....		
	Road from Ahmedabad to Dholka up to mile No. 8	8	0	8	0	.....	8	0	.....		
	Road from Astodia to Shahalum and thence to Chandola Tank and a branch from Shahalum to Kankeria.	2	2,700	2	2,700	.....	2	2,700	.....		
	Total, Ahmedabad District ...	57	3,360	57	60	.....	57	60		0 3,300	
Kaira and Panch Maháls.	Kaira and Mehmadabad Road, including branches	11	1,320	11	1,320	.....	11	1,320	.....		
	Kaira and Sábarmati Road, including branches	14	3,960	14	3,960	.....	14	3,960	.....		
	Nadiád and Vásna Road, including branches	18	2,640	18	2,640	.....	18	2,640	.....		
	Barejri and Náika Road, Kaira Section	9	2,640	9	2,640	.....	9	2,640	.....	} Clearly demarcated by survey pillar and water channels.	
	Do. do. Ahmedabad Section.	4	3,960	4	3,960	.....	4	3,960	.....		
	Petlád and Cambay Road (British portion)	6	0	6	0	.....	6	0	.....	Demarcated by the Survey Department.	
	Nadiád and Kapadvanj Road ..	27	0	27	0	.....	27	0	.....		
	Dákor and Kapadvanj Road ...	20	0	20	0	.....	20	0	.....		
	Vásad and Borsad Road	11	1,320	11	1,320	.....	11	1,320	.....		
	Limkheda-Jhálod Road (British portion)	14	2,640	12	0	2 2,640	14	2,640	.....		
	Godhra and Dohad Road (British portion)	24	0	21	2,640	2 2,640	24	0	.....		
	Total, Kaira and Panch Maháls District	161	2,640	156	2,640	5 0	161	2,640	.....		
	Carried over ...	219	720	213	2,700	5 0	218	2,700	0 3,300		

LOCAL FUND ROADS—*continued.*

I.—Metalled Roads. A.—Bridged and Drained throughout—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	219	720	213	2,700	5	0	218	2,700	0	3,300	
	NORTHERN DIVISION—*continued.*											
Surat and Broach.	Road from Udváda Railway Station to Udváda Village	4	0	4	0	.....		4	0	.....		
	Road from Derol to Vágra... ...	2	0	.....		.....		.....		2	0	
	Do. Olpád to Sahol	9	650	9	650	.....		9	650	.....		
	Palej Bazár Road	0	600	.....		.....		.....		0	600	
	Road from Bárdoli to Surbhán ...	5	1,320	5	1,320	.....		5	1,320	.....		
	Road from Broach to Jambusar ...	29	0	29	0	.....		29	0	.....		
	Road from Anklesvar to Hánsot ...	13	2,640	13	2,640	.....		13	2,640	.....		
	Road from Anklesvar to Bore Bhátha	3	0	3	0	.....		3	0	.....		
	Road from Surat to Sachin ...	*7	2,640	*7	2,640	.....		7	2,640	.....		* 3½ miles in British territory.
	Road from Sachin to Lajpur ...	3	0	3	0	.....		3	0	.....		4 Do. Sachin State.
	Road from Kim to Mándvi	27	0	27	0	.....		27	0	.....		
	Road from Surat to Bárdoli ...	5	1,320	5	1,320	.....		5	1,320	.....		
	Road from Billimora to Chikhli, British territory	2	2,640	2	2,640	.....		2	2,640	.....		
	Road from Sahol to Iláo	1	2,640	.....		.....		.....		1	2,640	
	Road from Bárdoli town to the Tápti Valley Railway Station, Bárdoli ...	0	6,790	.....		.....		.....		0	6,790	
	Total, Surat and Broach Districts .	114	120	109	650	.....		109	650	4	4,750	
Thána ...	Road from Chowk to Karjat ...	†6	0	6	0	.....		6	0	.....		† Demarcated with stones.
	Road from Bándra to Ghodbandar...	‡19	640	18	3,000	.....		18	3,000	0	2,920	‡ 10 miles demarcated with stones in 1897-98.
	Road from Sanján Railway Station to Bandar	§2	2,640	.....		.....		.....		2	2,640	Miles. feet. §1 3,960 demarcated with stones.
	Road from Dáhánu Railway Station to Pawada Creek	1	1,320	.....		.....		.....		1	1,320	1 1,320 do. do.
	Road from Bhiwndi to Kone ...	5	0	2	2,640	.....		2	2,640	2	2,640	5 miles demarcated with stones.
	Road from Kevji to Umbargam ...	4	1,980	.....		.....		.....		4	1,980	1 1,320 do. do.

	Road from Sion to Trombay, including branch road	7	620	1	3,960	.....		1	3,960	5	1,940				
	Road from Ghátcoper to Máhul ...	6	960	2	3,960	.....		2	3,960	3	2,280				
	Road from Verár to Agáshi ...	3	2,640	.....		.....		.....		3	2,640				
	Pokharan Road	4	1,320	4	1,320	.....		4	1,320	.....					
	Road from Kurla to Versowa ...	7	4,840	7	2,640	.....		7	2,640	0	2,200	1	1,82	do.	do.
	Road from Sopara to Nila ...	1	1,320	.....		.....		.....		1	1,320				
	Total, Thána District ...	68	2,440	43	1,680	.....		43	1,680	25	760				
	TOTAL, NORTHERN DIVISION ...	401	3,280	365	5,030	5	0	370	5,030	30	3,530				
	SOUTHERN DIVISION.														
Belgaum ...	Road from Sunkeshwar to Hukeri...	9	0	9	0	.....		9	0	.....					
	Total, Belgaum District ...	9	0	9	0	.....		9	0	.....					
Dhárwár ...	Dhárwár-Haliyál Road between Dhárwár and Mávinkop in Dhárwár Táluka	16	2,640	16	2,640	.....		16	2,640	.....					
	Road from Karajgi to Southern Marátha Railway Station at Karajgi	3	239	3	239	.....		3	239	.....					
	Motibennur-Byádgi Road ...	3	0	3	0	.....		3	0	.....					
	Total, Dhárwár District ...	22	2,879	22	2,879	.....		22	2,879	.....					
Bijápur ...	Bágalkot-Hungund Road ...	27	2,640	13	3,960	.....		13	3,960	13	3,960				
	Total, Bijápur District ...	27	2,640	13	3,960	.....		13	3,960	13	3,960				
Sátára ...	Sátára-Pádali Road	10	0	10	0	.....		10	0	.....					
	Wái-Wáthár Road	18	0	8	0	.....		8	0	10	0				
	Total, Sátára District ...	28	0	18	0	.....		18	0	10	0				
Ratnágiri and Kolába.	Uran-Karanja Road	4	0	2	2,640	.....		2	2,640	1	2,640				
	Total, Ratnágiri and Kolába District.	4	0	2	2,640	.....		2	2,640	1	2,640				
	TOTAL, SOUTHERN DIVISION ...	91	239	65	4,199	.....		65	4,199	25	1,320				
	Carried over ...	492	3,519	431	3,949	5	0	436	3,949	55	4,850				

LOCAL FUND ROADS—*continued.*

1.—Metalled Roads. A.—Bridged and Drained throughout—concluded.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	492	3,519	431	3,949	5	0	436	3,949	55	4,850	
	CENTRAL DIVISION.											
Poona District...	Portion of road from Lakdipul to join Ganesh Khind Road ...	1	220	1	220	.....		1	220	.....		By boundary stones.
	Total, Poona District ...	1	220	1	220	.....		1	220	.....		
Násik ...	Roads in and about Násik ...	2	0	0	2,640	.....		0	2,640	1	2,640	
	Ambegaon-Nánashi Road ...	1	2,310	.....		.....		.....		1	2,310	
	Total, Násik District ...	3	2,310	0	2,640	.....		0	2,640	2	4,950	
Sholápur ...	Jeur-Karmála Road	11	0	11	0	.....		11	0	.....		Demarcated with stones.
	Total, Sholápur District ...	11	0	11	0	.....		11	0	.....		
Khándesh ...	Chálisgaon Station Road ...	0	4,400	0	4,400	.....		0	4,400	.....		
	Chálisgaon Railway-cross Road ...	0	3,800	0	3,800	.....		0	3,800	.....		
	Station Road at Páchora ...	0	2,000	0	2,000	.....		0	2,000	.....		
	Total, Khándesh District ...	1	4,920	1	4,920	.....		1	4,920	.....		
	TOTAL, CENTRAL DIVISION ...	17	2,170	14	2,500	.....		14	2,500	2	4,950	
	TOTAL (1) ROADS METALLED. A—BRIDGED AND DRAINED THROUGHOUT	510	409	446	1,169	5	0	451	1,169	58	4,520	

	NORTHERN DIVISION.										
Ahmedabad...	Road from Dhandhuka to Ranpur ...	18	0	18	0	.....	18	0	.....		
	Road from Dhandhuka to Gogo (British portion)	30	0	30	0	.....	30	0	.....		
	Total, Ahmedabad District ...	48	0	48	0	.....	48	0	.....		
Kaira and Panch Mahals.	Godhra and Sheta Road ...	14	0	14	0	.....	14	0	.....		
	Total, Kaira and Panch Mahals District	14	0	14	0	.....	14	0	.....		
Thána ...	Road from Boisur to Chinchni ...	7	2,640	6	3,960	.....	6	3,960	0	3,960	Mile feet. 7 2,640 demarcated with stones.
	Road from Kalyán to Málsej Ghát...	35	2,640	35	0	.....	35	0	0	2,640	
	Road from Kurla to Koli Kalian ...	0	1,600	.....		.....	.....		0	1,600	15·2,640 miles demarcated with stones, including ¼ a mile for branch road to Murbád. (1·2,640 in 1897-98).
	Road from Bhyndar to Utan ...	6	1,320	6	1,320	.....	6	1,320	.....		
	Road from Bhiwndi to Váda ...	25	2,640	25	2,640	.....	25	2,640	.....		
	Road from Ambadi to Wajreshwari..	4	4,400	4	2,640	.....	4	2,640	0	1,760	3 miles demarcated with stones,
	Total, Thána District ...	79	4,680	78	0	.....	78	0	1	4,680	
	TOTAL, NORTHERN DIVISION ...	141	4,680	140	0	.....	140	0	1	4,680	
	Carried over ...	651	5,089	586	1,169	5 0	591	1,169	60	3,920	
	Carried over total of I-A ...	510	409	446	1,169	5 0	451	1,169	58	4,520	

LOCAL FUND ROADS—*continued.*

I.—Metulled Roads. B.—Partially Bridged and Drained—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	510	403	446	1,169	5	0	451	1,169	58	4,520	
		651	5,089	586	1,169	5	0	591	1,169	60	3,920	
	SOUTHERN DIVISION.											
Belgaum ...	Road from Saundatti to Dhárwár ...	10	0	10	0	.....		10	0	.....		
	Total, Belgaum District ...	10	0	10	0	.....		10	0	.....		
Dhárwár ...	Dhárwár-Saundatti Road *viâ* Aminbhávi between Dhárwár and Hirebelwádi	11	1,320	11	1,320	.....		11	1,320	.....		
	Navalgund-Annigeri Road ...	11	2,640	11	2,640	.....		11	2,640	.....		
	Total, Dhárwár District ...	22	3,960	22	3,960	.....		22	3,960	.....		
Sátára ...	Peth-Sángli Road	20	0	20	0	.....		20	0	.....		
	Tásgaon-Ashta Road	6	0	6	0	.....		6	0	.....		
	Total, Sátára District ...	26	0	26	0	.....		26	0	.....		
Bijápur ...	Guledgudd-Katgeri Road ...	6	2,640	6	2,640	.....		6	2,640	.....		
	Road from Hungund to Ilkal ..	7	3,960	7	3960	.....		7	3,960	.....		
	Total, Bijápur District ...	14	1,320	14	1,320	.....		14	1,320	.....		
	TOTAL, SOUTHERN DIVISION ...	73	0	73	0	.....		73	0	.....		
	CENTRAL DIVISION.											
Poona ...	Road from Junnar to Náráyangaon...	9	0	2	2,640	.....		2	2,640	6	2,640	
	Road from Poona to Alandi ...	9	0	5	0	4	0	9	0	.....		The whole by boundary stones.
	Road from Poona to Singhar ...	13	0	8	0	.....		8	0	5	0	By trenches and aloe hedge.
	Road from Poona to Poud... ...	17	2,640	17	2,640	.....		17	2,640	.....		

	Total, Poona District ...	48	2,640	33	0	4	0	37	0	11	2,640
Násik ...	Ghoti-Barighát Road	13	1,320	2	0	.....		2	0	11	1,320
	Násik-Trimbak Road	17	2,640	2	0	.....		2	0	15	2,640
	Total, Násik District ...	30	3,960	4	0	.....		4	0	26	3,960
Khándesh ...	Sávada-Gatha Road	3	0	3	0	.....		3	0	.....	
	Jalgaon-Dharangaon Road ...	19	4	19	4	.....		19	4	.....	
	Songir-Nandurbár Road ...	44	6	44	6	.....		44	6	.....	
	Chálisgaon-Outram Ghát Road ...	13	2	13	2	.....		13	2	.....	
	Total, Khándesh District ...	79	12	79	12	.....		79	12	.....	
	TOTAL, CENTRAL DIVISION ...	158	1,332	116	12	4	0	120	12	38	1,320
	TOTAL 1.—B.—PARTIALLY BRIDGED AND DRAINED...	373	732	329	12	4	0	333	12	40	720
	2.—Unmetalled Roads. A.—Bridged and drained throughout.										
	INDUS RIGHT BANK DIVISION.										
Karáchi Canals.	Road from Jungshai to Baghar mouth	17	660	17	660	.....		17	660	.....	
	Total, Karáchi Canals ...	17	660	17	660	.....		17	660	.....	
	NORTHERN DIVISION.										
Thána ...	Road from Saki to Vehar ...	3	0	3	0	.....		3	0	.....	
	Road from Bhándup to Vehar ...	2	2,640	.....		.....		.....		2	2,640
	Total, Thána District ...	5	2,640	3	0	.....		3	0	2	2,640
Kaira and Panch Maháls.	Kálol and Chámpáner Road ...	9	0	9	0	.....		9	0	.....	
	Chámpáner and Jámbughoda Road (British portion)	9	0	9	0	.....		9	0	.....	
	Total, Kaira and Panch Maháls Districts...	18	0	18	0	.....		18	0	.....	
	Carried over ...	923	4,441	813	1,841	9	0	822	1,841	101	2,600
	Carried over totals of 1-A and 1-B...	883	1,141	775	1,181	9	0	784	1,181	98	5,240

LOCAL FUND ROADS—*continued.*

2.—*Unmetalled Roads.* *A.*—*Bridged and Drained throughout*—continued.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.				Number of Miles of Roads to be demarcated.		Remarks.
			Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	883 1,141	775	1,181	9	0	784	1,181	98	5,240	
		923 4,441	813	1,841	9	0	822	1,841	101	2,600	
	NORTHERN DIVISION—*continued.*										
Surat and Broach.	Road from Bulsár to Dharampor ...	15 2,640	15	2,640	.....		15	2,640	.....		
	Road from Bulsár to Párdi *vid* Pár River	6 2,640	6	2,640	.....		6	2,640	.....		
	Road from Kentish turning to Gavier	4 2,640	4	2,640	.....		4	2,640	.....		
	Road from Ránder to Bhesan ...	2 0	.....		.....		.....		2	0	
	Road from Chikhli to Bánsda ...	10 2,640	10	2,640	.....		10	2,640	.....		
	Road from Ránder to Olpád ...	8 2,640	8	2,640	.....		8	2,640	.....		
	Road from Surat Railway Station to Varachha	3 2,640	3	2,640	.....		3	2,640	.....		
	Road from Kim to Sahol ...	7 0	7	0	.....		7	0	.....		
	Total, Surat and Broach Districts ...	58 0	56	0	.....		56	0	2	0	
	TOTAL, NORTHERN DIVISION ...	81 2,640	77	0	.....		77	0	4	2,640	
	SOUTHERN DIVISION.										
Belgaum ...	Road from Gokák to Hukeri ...	18 2,640	18	2,640	.....		18	2,640	.....		
	Road from Nipáni to Mahálingpur...	53 0	53	0	.....		53	0	.....		
	Total, Belgaum District ..	71 2,640	71	2,640	.....		71	2,640	.....		

	Ratnágiri and Kolába.	Road from Alibág to Rewas ...	15	0	15	0	.....	15	0	.....		
		Road over Mutholi Khind (Section of Indápur-Tale Road) ...	2	1,655	2	1,655	.....	2	1,655	.....		
		Pen-Panvel Road—										
		Section from Duswi ford to Kali Khind...	3	2,640	3	2,640	.....	3	2,640	.....		
		Section from Kali Khind to Paláspe .	5	3,520	5	3,520	.....	5	3,520	.....		
		Total, Ratnágiri and Kolába Districts.	26	2,535	26	2,535	.....	26	2,535	.....		
		TOTAL, SOUTHERN DIVISION ...	97	5,175	97	5,175	.....	97	5,175	.....		
		CENTRAL DIVISION.										
	Násik ...	Shelbari Ghát Road	3	0	.....		.....	.....		3	0	
		Total, Násik District ...	3	0	.....		.....	.....		3	0	
	Poona ...	Road from Talegaon to Railway Station	1	1,320	0	2,640	.....	0	2,640	0	3,960	By trenches and aloe hedge.
		Road from Loni-Kalbhor to join Sholápur Road	0	412	.....		.....	.....		0	412	
		Road from Khandála to Railway Station	0	500	.....		.....	.....		0	500	
		Total, Poona District ...	1	2,232	0	2,640	.....	0	2,640	0	4,872	
	Khándesh ...	Máhiji Station Road...	2	2,640	2	2,640	.....	2	2,640	.....		
		Total, Khándesh District ...	2	2,640	2	2,640	.....	2	2,640	.....		
	Ahmednagar. .	Road from the village of Belvandi to the Belvandi Station	3	0	3	0	.....	3	0	.....		
		Kopergaon Signapur Road	2	2,640	2	0	.....	2	0	0	2,640	To be completed by famine labour.
		Rahuri Station Feeder Road... ...	3	0	3	0	.....	3	0	.....		
		Total, Ahmednagar District ...	8	2,640	8	0	.....	8	0	0	2,640	
		TOTAL, CENTRAL DIVISION ...	15	2,232	11	0	.....	11	0	4	2,232	
		TOTAL 2-A, BRIDGED AND DRAINED THROUGHOUT...	212	147	203	555	.....	203	555	8	4,872	
		Carried over ...	1,095	1,288	978	1,736	9 0	987	1,736	107	4,832	
		Carried over totals of 1-A, 1-B and 2-A...	1,095	1,288	978	1,736	9 0	987	1,736	107	4,832	

LOCAL FUND ROADS—*continued.*

2.—Unmetalled Roads. B.—Partially Bridged and Drained.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	
		1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	
	NORTHERN DIVISION.											
Thána ...	Road from Máhim to Váda ...	*32	0	32	0	.....		32	0	.....		* 13 miles demarcated with stones in 1897-98.
	Road from Bassein to Nirmal ...	† 4	0	2	0	.....		2	0	2	0	† In addition to this 1 mile and 2 furlongs of the road are in charge of the Bassein Municipality.
	Road from Kalyán to Dhysar ...	9	0	9	0	.....		9	0	.....		Six miles and 1,980 feet demarcated with stones.
	Road from Málád to Merwa ...	3	2,640	3	2,640	.....		3	2,640	.....		
	Road from Kalwa to Belápur ...	7	0	7	0	.....		7	0	.....		
	Road from Bhándup to Agra Road .	0	3,025	.....		.....		.....		0	3,025	
	Road from Thána to Ghodbandar ...	7	2,640	5	2,640	.....		5	2,640	2	0	
	Pawai Village Road...	2	2,350	.....		.....		.....		2	2,350	
	Road from Pápdi to Sátavli Khind ...	5	4,620	3	2 640	.....		3	2,640	2	1,980	1 mile 1,320 feet demarcated with stones.
	Total, Thána District ...	71	4,715	62	2,640	.....		62	2,640	9	2,075	
Kaira and Panch Mahals.	Godhra and Khakeria Road, including branch to Godhra Railway Station.	24	1,320	24	1,320	.....		24	1,320	.....		
	Udváda and Sunth Road	20	0	20	0	.....		20	0	.....		

	Total, Kaira and Panch Mahála Districts	44	1,320	44	1,320	.....		44	1,320	.....		
	TOTAL, NORTHERN DIVISION ...	116	755	106	3,960	.....		106	3,960	9	2,075	
	CENTRAL DIVISION.											
Poona ...	Road from Hadapsar to Nira Bridge (old Sátára Road)	38	4,224	30	2,640	.....		30	2,640	8	1,584	
	Road from Vadgaon to Shikrápur ...	33	0	12	0	.....		12	0	21	0	1 mile by stone and 11 miles by aloe hedge.
	Road from Pátas to Pátas Railway Station	3	1,320	2	0	.....		2	0	1	1,320	By stone and aloe hedge.
	Road from Bárámati to Khanota ...	21	0	4	4,620	.....		4	4,620	16	660	
	Road from Nira Bridge to Sirúr ...	55	3,960	9	0	.....		9	0	46	3,960	
	Road from Diksál Railway Station to join Sholápur Road ...	1	1,320	1	1,320	.....		1	1,320	.....		By stone and aloe fencing.
	Road from Lonávli to foot of Sakarpathár	3	0	3	0	.....		3	0	.....		
	Road from Loni to Pábal ...	15	0	.....		.....		.....		15	0	
	Road from Indápur to Bárámati ...	31	0	31	0	.....		31	0	.....		By boundary stones.
	Road from Mundva to Hadapsar, Railway Station on the G. I. P. line.	0	3,692	.....		.....		.....		0	3,692	
	Road from Muncher to Ambegaon...	18	4,100	16	2,640	.....		16	2,640	2	1,460	
	Road from Bárámati to Nira Station	25	0	25	0	.....		25	0	.....		By boundary stones.
	Total, Poona District ...	246	2,776	135	660	.....		135	660	111	2,116	
	Carried over ...	1,457	4,819	1,220	1,076	9	0	1,229	1,076	228	3,743	
	Carried over totals of 1-A, 1-B and 2-A	1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	

LOCAL FUND ROADS—*continued.*

2.—Unmetalled Roads. B.—Partially Bridged and Drained—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	
		1,457	4,819	1,220	1,076	9	0	1,229	1,076	228	3,743	
	CENTRAL DIVISION—*continued.*											
Násik ...	Násik-Dindori-Kalvan Road ...	45	0	5	660	.....		5	660	39	4,620	
	Khándesh-Nizám's Frontier Road ...	81	5,180	3	1,320	.....		3	1,320	78	3,860	
	Násik-Waghad Road	22	0	3	0	.....		3	0	19	0	
	Nanáshighát-Barhe Road ...	11	0	1	0	.....		1	0	10	0	
	Cheraibári Road	1	0	.....		.....		.....		1	0	
	Dholbari-Shelbari Road ...	9	2,640	9	2,640	.....		9	2,640	.....		
	Total, Násik District ...	170	2,540	21	4,620	.....		21	4,620	148	3,200	
Sholápur ...	Bársi Station Pandharpur Road ...	31	0	29	0	.....		29	0	2	0	The demarcation made is with stones. Remaining demarcation will be made after the famine.
	Pandharpur-Janoni Road ...	41	0	.....		.....		.....		41	0	
	Total, Sholápur District ...	72	0	29	0	.....		29	0	43	0	
Ahmednagar ...	Road from Randha to Sawrad ...	9	0	9	0	.....		9	0	.....		
	Road from Jamgaon to Kotul ...	10	0	9	2,640	.....		9	2,640	0	2,640	
	Road from Kolhar to Bari	65	0	4	0	.....		4	0	61	0	A further portion is being demarcated by famine labour.
	Nagar-Sheogaon Road	40	0	40	0	.....		40	0	.....		
	Newasa-Sheogaon-Bodhegaon Road...	39	2,640	24	0	.....		24	0	15	2,640	It has been suggested to complete the demarcation by famine labour.
	Khospuri-Ismalpur Road	12	0	12	0	.....		12	0	.....		
	Tisgaon-Patherdi Road	7	0	7	0	.....		7	0	.....		
	Shendi-Támbori Road	8	0	8	0	.....		8	0	.....		
	Rahata-Chilati Road	10	0	5	0	.....		5	0	5	0	Being completed by famine labour.
	Newasa-Belápur Road	24	15	24	15	.....		24	15	.....		

	Belápur Station Feeder Road ...	4	0	4	0	.....		4	0	.....		
	Lovi-Belápur Road	13	14	13	14	.....		13	14	.....		
	Nagar-Takli-Khándeshwar Road ...	39	1,320	39	1,320	.....		39	1,320	.....		
	Nagar-Jamkhed Road	20	3,960	20	3,960	.....		20	3,960	.....		
	Jamkhed-Moho-Ghát Road	5	0	5	0	.....		5	0	.....		
	Pimpri-Station Feeder Road ...	7	0	7	0	.....		7	0	.....		
	Total, Ahmednagar District ...	313	2,669	231	2,669	.....		231	2,669	82	0	
	Cross-road at Erandol	1	4	1	4	.....		1	4	.....		
	Bhadgaon-Talvada Road ...	9	0	9	0	.....		9	0	.....		
	Duskheda-Anjala Road ...	4	4	4	4	.....		4	4	.....		
	Mhasvad-Dhulia Road	46	0	46	0	.....		46	0	.....		
	Erandol-Dharangaon-Chopda Road.	26	6	26	6	.....		26	6	.....		
	Kajgaon-Párola Road	22	1	22	1	.....		22	1	.....		
	Dondaicha-Sháháda Road ...	17	0	17	0	.....		17	0	.....		
	Páchora-Bhadgaon Road ...	8	3	8	3	.....		8	3	.....		
	Junction Road at Bhadgaon ...	1	2	1	2	.....		1	2	.....		
	Dhulia-Amalner Road	18	2	18	2	.....		18	2	.....		
	Jalgaon-Jámner Road	22	0	22	0	.....		22	0	.....		
	Bhusával-Yával Road	10	0	10	0	.....		10	0	.....		
Khándesh ...	Bhusával-Jalgaon Road, *vid* Sakegaon	13	0	13	0	.....		13	0	.....		
	Sákri-Pimpalner Road	13	4	13	4	.....		13	4	.....		
	Station Road at Dhulia ...	9	0	9	0	.....		9	0	.....		
	North approach to the river Tápti at Nimgaon	0	4	0	4	.....		0	4	.....		
	South do. do. at Sáwkheda	0	4	0	4	.....		0	4	.....		
	Nimgaon-Chopda Road ...	8	4	8	4	.....		8	4	.....		
	Amalner-Tápti Road	12	0	12	0	.....		12	0	.....		
	Párola-Amalner Road	12	0	12	0	.....		12	0	.....		
	Road from Nandurbár to Taloda ...	13	8	10	4	3	4	13	8	.....		
	Road from Sindkheda to Gorana ...	9	0	.....		9	0	9	0	.....		
	Total, Khándesh District ...	273	46	261	42	12	4	273	46	.....		
	TOTAL, CENTRAL DIVISION ...	1,075	2,751	678	2,711	12	4	690	2,715	385	36	
	Carried over ...	2,286	4,794	1,763	3,127	21	4	1,784	3,131	502	1,662	
	Carried over Totals of 1-A, 1-B and 2-A	1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	

(L).—LOCAL FUND ROADS—*continued.*

2.—Unmetalled Roads. B.—Partially Bridged and Drained—continued.

Executive Districts.	Names of Roads.	Length of Road.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	1,095	1,288	978	1,736	9	0	987	1,736	107	4,832	
		2,286	4,794	1,763	3,127	21	4	1,784	3,131	502	1,663	
	SOUTHERN DIVISION.											
Belgaum ...	Road from Gokák to Navalgund ...	45	0	45	0	.....		45	0	.....		
	Road from Athni to Kágwad ...	24	0	24	0	.....		24	0	.....		
	Road from Gotur to Tásgaon ...	47	0	47	0	.....		47	0	.....		
	Road from Manoli to Saundatti ...	6	1,320	6	1,320	.....		6	1,320	.....		
	Total, Belgaum District ...	122	1,320	122	1,320	.....		122	1,320	.....		
Dhárwár ...	Harihar-Sámasgi Road	51	1,980	51	1,980	.....		51	1,980	.....		
	Byádgi-Havasbhávi Road	10	3,960	10	3,960	.....		10	3,960	.....		
	Tadas-Gundi Road	34	3,960	34	3,960	.....		34	3,960	.....		
	Masur-Mundargi Road	47	600	47	600	.....		47	600	.....		
	Palla-Bádámi Road	78	1,980	78	1,980	.....		78	1,980	.....		
	Dhárwár-Tadas Road	27	600	27	600	.....		27	600	.....		
	Navalgund-Ron Road	28	0	28	0	.....		28	0	.....		
	Kotumachgi-Gajendragad Road ...	20	0	16	0	1	0	17	0	3	0	In Hyderabad Territory.
	Ron-Gajendragad Road	16	3,168	13	0	.....		13	0	3	3,168	
	Nargund-Mallápur Road	13	1,675	13	1,675	.....		13	1,675	.....		Do. do.
	Total, Dhárwár District ...	327	2,083	319	4,195	1	0	320	4,195	6	3,168	

Ratnágiri and Kolába.	Road from Salao to Korlai	2	1,760	2	0	.....		2	0	0	1,760		
	Road from Pen to Kharapada ...	7	0	7	0	.....		7	0	.....			
	Road from Alibág to Rewdanda ...	8	3,960	7	3,960	.....		7	3,960	1	0		
	Road from Guhágar to Chikhali ...	8	0	8	0	.....		8	0	.....			
	Road from Kolka to Paláspa ...	2	0	2	0	.....		2	0	.....			
	Total, Ratnágiri and Kolába Districts.	28	440	26	3,960	.....		26	3,960	1	1,760		
Sátára ...	Malhárpeth-Pandharpur Road ...	54	0	17	0	.....		17	0	37	0		
	Karád-Tásgaon Road	35	0	19	0	4	0	23	0	12	0		
	Sátára-Tásgaon Road	64	0	14	2,640	.....		14	2,640	49	2,640		
	Total, Sátára District ...	153	0	50	2,640	4	0	54	2,640	98	2,640		
Bijápur ...	Sholápur-Bellary Road— Portion from Indi to Támbe ...	13	0	10	0	3	0	13	0	.....			
	Bijápur-Sindgi Road...	35	2,640	31	0	4	2,640	35	2,640	.....			
	Road from Indi to Indi Road Station.	3	1,760	3	1,760	.....		3	1,760	.....			
	Muddebihál-Chimalgi Road	19	2,640	9	0	.....		9	0	*10	2,640		
	Road from Kerur to Katgeri Railway Station	9	0	9	0	.....		9	0	.....			
	Do. Bijápur to Indi (portion from Bijápur to Nágthán)	10	0	5	4,620	.....		5	4,620	4	660		
	Bijápur-Bágevádi Road	25	2,640	11	1,320	.....		11	1,320	†14	1,320		
	Almel-Pandharpur Road (portion from Indi to Almel)	18	4,500	5	4,500	1	0	6	4,500	12	0		
	Total, Bijápur District ...	134	3,620	85	1,640	8	2,640	93	4,280	40	4,620		
	TOTAL, SOUTHERN DIVISION ...	765	2,183	604	3,195	13	2,640	618	555	147	1,628		
	TOTAL, 2—UNMETALLED ROADS. B—PARTIALLY BRIDGED AND DRAINED	1,957	409	1,389	4,586	25	2,644	1,415	1,950	541	3,739		
	Carried over ...	3,052	1,697	2,368	1,042	34	2,644	2,402	3,686	649	3,291		
	Carried over Totals of 1-A, 1-B, 2-A and 2-B	3,052	1,697	2,368	1,042	34	2,644	2,402	3,686	649	3,291		

* Of these 10½ miles have been partialiy demarcated

† Of these 6 miles have been partially demarcated.

LOCAL FUND ROADS—*continued.*

3.—Roads, Banked and Surfaced with "Muram" or Similar Material, but not Drained.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.			Number of Miles of Roads to be demarcated.	Remarks.
			Up to 31st March 1899.	In 1899-1900.	Total.		
		Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	Ms. ft.	
	Brought forward ...	3,052 1,697	2,368 1,042	34 2,644	2,402 3,686	649 3,291	
		3,052 1,697	2,368 1,042	34 2,644	2,402 3,686	649 3,291	
	SOUTHERN DIVISION.						
Sátára ...	Tásgaon-Pingli Road	45 0	7 0	.....	7 0	38 0	
	Total, Sátára District ...	45 0	7 0	.....	7 0	38 0	
	TOTAL, SOUTHERN DIVISION ...	45 0	7 0	.....	7 0	38 0	
	CENTRAL DIVISION.						
Násik ...	Satána-Málegaon Road	22 5,180	4 1,320	.....	4 1,320	18 3,860	
	Total, Násik District ...	22 5,180	4 1,320	.....	4 1,320	18 3,860	
Poona ...	Road from Kárli Railway Station to join Bombay Mail Road	1 2,640	.....	.....	.....	1 2,640	
	Road from Khed to Pábal	12 0	6 0	.....	6 0	6 0	
	Khed-Bhoregiri Road	31 0	12 0	.....	12 0	19 0	
	Road from Junnar to Rájur ...	6 0	2 1,320	.....	2 1,320	3 3,960	By trench, prickly pear and aloe hedge.
	Road from Yewat Railway Station to join Sholápur Road	1 1,320	.....	.....	.....	1 1,320	
	Road from Loni to Chandgaon ...	4 0	.....	.....	.....	4 0	
	Road from Chinchwad to Railway Station	1 1,320	.....	.....	.....	1 1,320	

	Road from Náráyanpur to Kapur whole	7	2,692	.....		.....		.....		7	2,692
	Road from Aundh to Shelárwádi ...	11	0	.....		.....		.....		11	0
	Total, Poona District ...	75	2,692	20	1,320	.....		20	1,320	55	1,372
	Unmetalled Roads.										
Ahmednagar	Arangaon-Walki Road	3	0	3	0	.....		3	0	.....	
	Shrijonda-Kasti Road	8	0	8	0	.....		8	0	.....	
	Shrijonda-Kharda Road (from Shrijonda to the Seena River)... ...	53	4,950	53	4,950	.....		53	4,950	.....	
	Karjat-Chincholi Road	6	2,640	6	2,640	.....		6	2,640	.....	
	Supa-Pimpalgaon Depa Road ...	47	6	47	6	.....		47	6	.....	
	Supa-Sarola Road	8	0	5	3,960	.....		5	3,960	2	1,320
	Párner-Jamgaon-Takli Road ...	7	0	7	0	.....		7	0	.....	
	Parner-Chincholi Road	5	0	3	2,640	.....		3	2,640	1	2,640
	Total, Ahmednagar District ...	138	2,316	134	3,636	.....		134	3,636	3	3,960
	Total, Central Division ...	236	4,908	159	996	.....		159	996	77	3,912
	TOTAL, (3) ROADS, BANKED AND SURFACED WITH "MURAM" OR SIMILAR MATERIAL, BUT NOT DRAINED	281	4,908	166	996	.....		166	996	 115	3,912
	Carried over ...	3,334	1,325	2,534	2,038	34	2,644	2,568	4,682	765	1,923
	Carried over Totals of 1-A, 1-B, 2-A, 2-B, and 3	3,334	1,325	2,534	2,038	34	2,644	2,568	4,682	765	1,923

4.—Roads, Banked, but not Surfaced. Partially Bridged and Drained.

Executive Districts.	Names of Roads.	Length of Road.	Number of Miles of Roads demarcated.				Number of Miles of Roads to be demarcated.	Remarks.
			Up to 31st March 1899.		In 1899-1900.		Total.			
		Ms. ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms. ft.	
	Brought forward ...	3,334 1,325	2,534	2,038	34	2,644	2,568	4,682	765 1,923	
		3,334 1,325	2,534	2,038	34	2,644	2,568	4,682	765 1,923	
	NORTHERN DIVISION.									
Ahmedabad ...	Road from Ahmedabad-Dholka Road to Village Sohijpur Gopalpur ...	0 1,500	0	1,500	.....		0	1,500	.....	
	Total, Ahmedabad District ...	0 1,500	0	1,500	.....		0	1,500	.....	
	Total, Northern Division ...	0 1,500	0	1,500	.....		0	1,500	.....	
	TOTAL, (4) ROADS BANKED, BUT NOT SURFACED, PARTIALLY BRIDGED AND DRAINED	0 1,500	0	1,500	.....		0	1,500	.....	
	5.—Roads cleared. Partially Bridged and drained.									
	INDUS RIGHT BANK DIVISION.									
Bogári Canal ...	Road from Jacobabad to Khaira Ghari	32 2,640	32	2,640	.....		32	2,640	.....	
	Total, Indus Right Bank Division ...	32 2,640	32	2,640	.....		32	2,640	.....	
	Total (5) Roads cleared, Partially Bridged and drained	32 2,640	32	2,640	.....		32	2,640	.....	

6.—Roads, Cleared only.

	Indus Right Bank Division.											
Karáchi Canals.	Road from Gharo to Dabheji ...	6	5,120	6	5,120	.....		6	5,120	.....		
	Do. Kotri to Thano Bulakhan.	32	0	33	0	.....		32	0	.....		
	Total, Indus Right Bank Division ...	38	5,120	38	5,120	.....		38	5,120	.....		
	Northern Division.											
Thána	Kusar Ghát Road	4	0	.....		.....		.....		4	0	
	Total, Thána District ...	4	0	.....		.....		.....		4	0	
Kaira and Panch Maháls.	Godhra and Páli Road	16	0	16	0	.....		16	0	.....		
	Páli and Bálásinor Road	8	1,320	8	1,320	.....		8	1,320	.....		
	Total, Kaira and Panch Maháls Districts	24	1,320	24	1,320	.....		24	1,320	.....		
Ahmedabad ...	Road from Sádra to Prántij (including the portion under the Mahi Kántha Agency	7	2,640	.....		.....		.....		7	2,640	Demarcated by the Survey Department.
	Total, Ahmedabad District ...	7	2,640	.....		.....		.....		7	2,640	
	Total, Northern Division ...	35	3,960	24	1,320	.....		24	1,320	11	2,640	
	Southern Division.											
Bijápur ...	Road from Indi to Sirdhon... ...	26	1,760	2	2,640	.....		2	2,640	23	4,400	
	Total, Bijápur District ...	26	1,760	2	2,640	.....		2	2,640	23	4,400	
	Total, Southern Division ...	26	1,760	2	2,640	.....		2	2,640	23	4,400	
	Carried over ...	3,468	465	2,632	4,698	34	2,644	2,667	2,062	800	3,683	
	Carried over Totals of 1-A, 1-B, 2-A, 2-B, 3, 4 and 5	3,367	383	2,567	898	34	2,644	2,601	3,542	765	1,923	

LOCAL FUND ROADS—*concluded.*

6.—*Roads, Cleared only*—concluded.

Executive Districts.	Names of Roads.	Length of Roads.		Number of Miles of Roads demarcated.						Number of Miles of Roads to be demarcated.		Remarks.
				Up to 31st March 1899.		In 1899-1900.		Total.				
		Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	Ms.	ft.	
	Brought forward ...	3,367	383	2,567	898	34	2,644	2,601	3,542	765	1,923	
		3,468	465	2,632	4,698	34	2,644	2,667	2,062	800	3,683	
	CENTRAL DIVISION.											
Násik	Harsul-Thána-Goldari Road ..	10	0	2	0	.....		2	0	8	0	
	Total, Násik District ...	10	0	2	0	.. ...		2	0	8	0	
Ahmednagar ...	Thugaon Kotul Road	11	0	2	0	.....		2	0	9	0	
	Total, Ahmednagar District ...	11	0	2	0	.....		2	0	9	0	
Poona District	Road from Dimbhakhurd to Bhimáshankar	22	2,745	.....		.....		.....		22	2,745	
	Road from Sákalpáthár to Bhorkus	8	2,640	.....		.....		.....		8	2,640	
	Road from Bhorgiri to Bhimáshankar	4	2,246	.....		.....		.....		4	2,246	
	Road from Pond to Bhorkus ...	12	0	.....		.....		.....		12	0	
	Total, Poona District ...	47	2,351	.....		.....		.....		47	2,351	
	TOTAL, CENTRAL DIVISION ...	68	2,351	4.	0	.....		4	0	64	2,351	
	TOTAL, 6—ROADS, CLEARED ONLY.	169	2,631	69	3,800	.....		69	3,800	99	4,111	
	TOTALS OF 1-A, 1-B, 2-A, 2-B, 3, 4, 5, and 6	3,536	2,816	2,636	4,698	34	2,644	2,671	2,062	865	754	
	GRAND TOTAL, LOCAL FUND ROADS.	3,536	2,816	2,636	4,698	34	2,644	2,671	2,062	865	754	

APPENDIX F.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

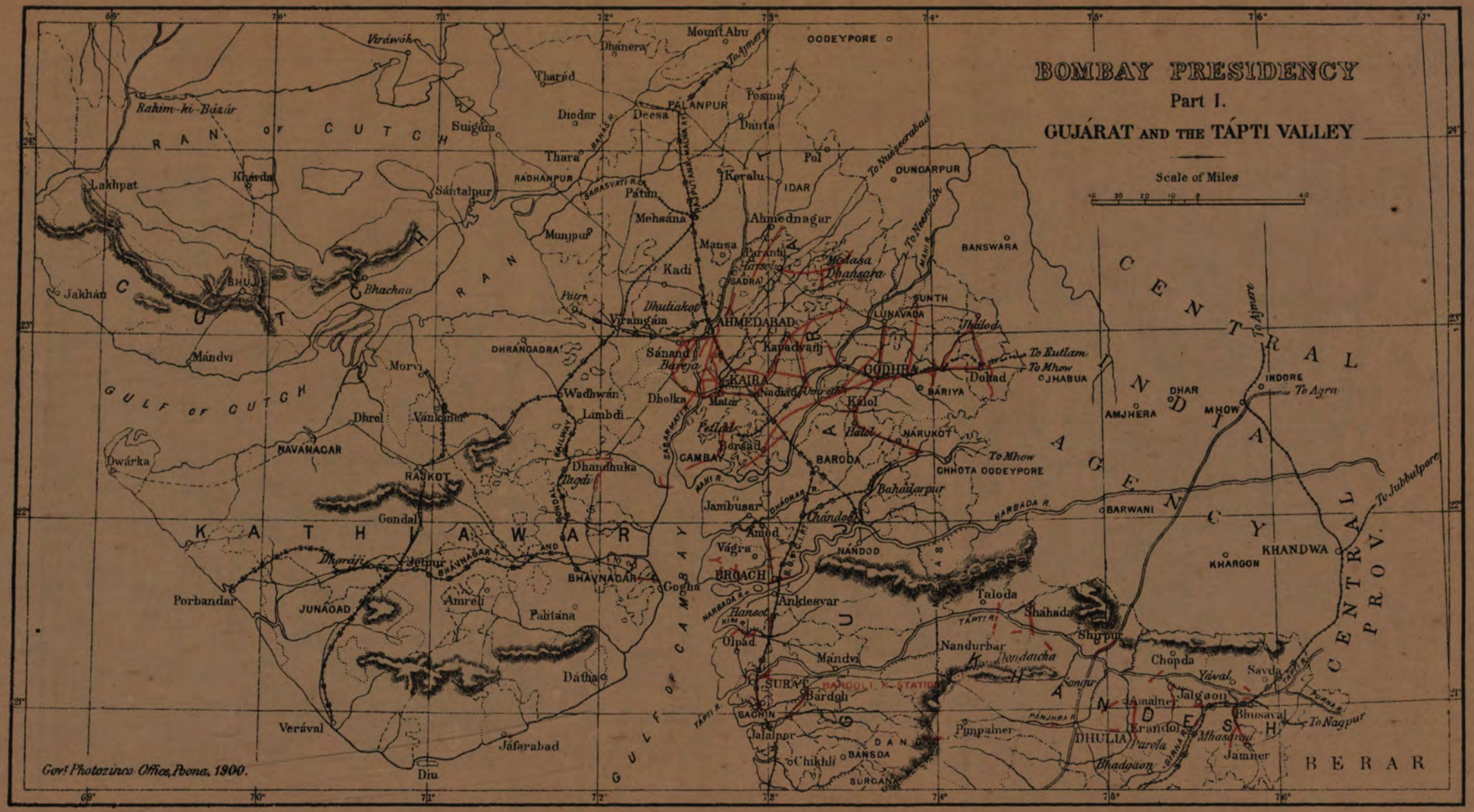
ROAD MAP

(IN 3 SHEETS)

SHOWING THE PRINCIPAL LINES OF ROAD IN PROGRESS

DURING THE YEAR

1899-1900.


BOMBAY PRESIDENCY
Part I.
GUJÁRAT AND THE TÁPTI VALLEY
Scale of Miles
Govt Photozinco Office, Poona, 1900.
RAN OF CUTCH
GULF OF CUTCH
KATHIAWAR
GULF OF CAMBAY
CENTRAL INDIA AGENCY
BERAR
CENTRAL PROV.
Mount Abu
OODEYPORE
Dhánera
Tharád
Viráwáh
Rahim-ki-Bázár
Suigám
Diodar
Deesa
PALANPUR
Posina
Danta
Thara
RADHANPUR
Pol
DUNGARPUR
Lakhpat
Khávda
Sántalpur
Pátan
Keralu
IDAR
Mehsána
Ahmednagar
Munjpur
Mansa
Paranti
Harsol
SADRA
Modasa
Dhansara
BANSWARA
Kadi
Bhachau
BHUJ
Jakhán
Pátri
Dhuliakot
Viramgám
AHMEDABAD
SUNTH
LUNAVADA
Uhalod
DHRANGADRA
Sánand
Bareja
Kapadvanj
To Ratlam
To Mhow
JHABUA
Mándvi
Morvi
KAIRA
Nadiad
Umreth
DOHAD
Dohad
BÁRIYA
Wadhwán
Dholka
Mater
Kálol
DHAR
MHOW
INDORE
To Agra
AMJHERA
Dhrol
Vánkaner
Limbdi
Petlad
Halol
NÁRUKOT
NAVANAGAR
Dwárka
Borsad
CAMBAY
BARODA
To Mhow
CHHOTA OODEYPORE
RAJKOT
Dhandhuka
Ságdi
Bahádarpur
Jambusar
Chándod
BARWANI
To Jubbulpore
Gondal
Amod
Vágra
NÁNDOD
KHANDWA
KHARGON
Dhoraji
Jetpur
BHAVNAGAR
BROACH
Porbandar
JUNAGAD
Amreli
Gogha
Ankleswar
Taloda
Shahada
Pánána
Hansot
Olpád
Shirpur
Nandurbar
Mándvi
Dondaicha
Chopda
Yával
Savda
Dáhia
SURAT
BARDOLI
Bardoli
Amalner
Jalgaon
Verával
SACHIN
Pimpalner
Bhusaval
To Nagpur
Jalalpur
DHULIA
Erandol
Parola
Mhasavad
Jáfarabad
Chikhli
BANSDA
Jamner
Bhadgaon
Diu
SURGANA

BOMBAY PRESIDENCY
Part II
THE DECCAN, KONKAN AND KARNÁTIC
Scale of Miles
Govt Photozinco. Office, Poona, 1900.
SACHIN
DHULIA
BANSDA
SURGANA
DHARAMPOR
DAMAN
Bulsár
Párdi
Chikli
Pimpalner
Satána
Málegaon
Bhusával
Jámner
Páchora
Kalvan
Chalisgaon
Nándgaon
Yeola
Niphad
Kopargaon
NASIK
Sinnar
AURANGABAD
Dahánu
Tárápur
Mánor
JAWHAR
Máhim
Vada
Bhatpuri
Sangamner
Akola
Ráhuri
Nevása
Shevgaon
Bassein
Bhiwndi
Shahápur
Murbad
THANA
Júnnar
Bándra
Panvel
AHMEDNAGAR
BOMBAY
Colaba
Párner
Khed
Kalyan
Kirkee
Sirur
Jamkhed
ALIBÁG
Chaul
Pen
Roha
Shrigonda
Karjat
Kharda
MURUD
JANJIRA FT
POONA
Karmála
Mángaon
Satara
Supa
Bárasi
Indápur
Bánkot
Harnai
Dápoli
Khed
Dahivadi
Mádha
Málsiras
Pandharpur
SHOLAPUR
Wagadari
Anjanvel
Chiplun
Vaduj
Sángola
Mangalvedha
Jaygad
Patan
Karad
Atpádi
Vita
Tasgaon
Indi
RATNÁGIRI
JATH
Sinnúr
BIJAPUR
Rájápur
Athni
KOLHAPUR
Viziadurg
Bágevádi
Devgad
Chikodi
Muddebihal
MUDHOL
Gad Hinglaj
Gokak
Kaladgi
Bágalkot
Málvan
Venguria
BELGAUM
Badami
Hungund
Bagevadi
Saundatti
Ron
Mapuça
PANJIM
Mormugão
Khánapur
Navalgund
DHARWAR
Hubli
Gadag
Margão
Supa
Hahval
Shirhatti
Kundgol
Lakshmeshwar
Yellápur
KARWÁR
Ankola
Sirsi
Hangal
Ránebennur
Kumta
Honáwar
Siddápur
Hirekerur
Bhatkal
Gersoppa
MAISUR TER
MADRAS PRESY
To Bellari
To Bangalore
To Madras
Tungabhadra
Krishna
Godavari
Bhadgaon
Ajanta
Chandor
Dindori
Umbargaon
Ambegaon
Bhorvaigir
Ghoda
Walit
Bhima R.
Yerrowda
Baramati
Indapur
Phaltan
Malad
Bánkot
Dapoli
Khed
Rahimatpur
Khatav
Vaduj
Patan
Karad
Vita
Tasgaon
Sangli
Miraj
Kurundvad
Jamkhandi
Chikodi
Mudhol
Gokak
Ramdurg
Savantvadi
Belgaum
Bagevadi
Saundatti
Khánapur
Navalgund
Dharwar
Hubli
Annigeri
Gadag
Hahval
Kundgol
Shirhatti
Lakshmeshwar
Kalghatgi
Shiggaon
Yellápur
Karajgi
Hangal
Ránebennur
Honáwar
Siddápur
Telguppa
Gersoppa
Bhatkal
Kumta
Hirekerur
Sirsi
Ankola
KARWÁR
Mapuça
PANJIM
Mormugão
Margão
Goa
Vizadurg
Devgad
Malvan
Venguria
Ratnagiri
Jaygad
Anjanvel
Harnai
Bankot
Dapoli
Khed
Chiplun
Patan
Karad
Vita
Tasgaon
Indi
Sangli
Miraj
Kurundvad
Athni
Bijapur
Bagevadi
Jamkhandi
Chikodi
Mudhol
Muddebihal
Bagalkot
Kaladgi
Gokak
Ramdurg
Badami
Hungund
Belgaum
Saundatti
Ron
Navalgund
Dharwar
Hubli
Annigeri
Gadag
Shirhatti
Kundgol
Lakshmeshwar
Kalghatgi
Shiggaon
Yellápur
Karajgi
Hangal
Ránebennur
Hirekerur
Siddápur
Honáwar
Gersoppa
Bhatkal
Kumta
Ankola
Sirsi

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BOMBAY PRESIDENCY
Part III
SIND AND CUTCH
Scale of Miles
Govt Photozinco Office, Poona, 1900.
GANDAVA
From Gandava
From Sibi
To Dádar
KHANDAWAH STY.
JACOBABAD
Kashmor
To Mithankot
INDUS R.
Thul
Ubauro
To Sabzalkot
To Peshawar
BEGÁRI CANAL
SHIKÁRPUR
Ghotki
Mirpur
Shahdádpur
Garhi Yásin
Rato-dero
Sukkur
Kamhar
Rohri
Ghaibi-dero
Larkhana
KHAIRPUR
Wárah
Bakrám
WESTERN NARA
Mehar
Tharári
To Jeysulmere
Khairpur Nátheshah
Kandiáro
Dádu
Johi
Naushahro
JEYSULMERE
Moro
E. NARA R.
Sehwan
Sakrand
Sánghar
To Jeysulmere
Ránára
Mánjhand
Héla
Shahdádpur
Khipra
MITHRAU CANAL
Mirpur Khás
To Jodhpore
Gadra
Tando Alahyar
Tando Bula Khan
Kotri
HYDERABAD
UMARKOT
To Sonmiana
Tando Muhammad Khan
Jerruck
Digh ri
E. Nára
Chachra
KARACHI
SIND PANJAB & DELHI RY.
Bago Tando
Mitti
Islámkot
Tatta
Mirpur Bathoro
Badin
Virawah
Mirpur Sákro
Sujáwal
INDUS R.
Dipla
Moghul Bhin
Nagar Parkar
Rahimki Bázár
Shahbandar
Keti Bandar
RAN OF CUTCH
Suigam
MOUTHS OF THE RIVER INDUS
Basta Bandar
Khávda
Gadra
Jatwára
Lakhpat
Luna
Náráyan Sarovar
KHORI R.
Adesar
Nakhatrána
Bhacháu
BHUJ
Jakháu
Naliya
Paddhar
Anjár
Rápur
Sábrái
Vira
Mándvi
Mundra
Morvi
GULF OF CUTCH
Vánkaner
Dhrol
NAVÁNAGAR
Dwárka
RAJKOT
Gondal
Dhoráji
Jetpur
Porbandar
JUNAGAD